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1983 Annual Report
of the Regional
Airline Association

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1989 Annual Report

Regional Airline Industry

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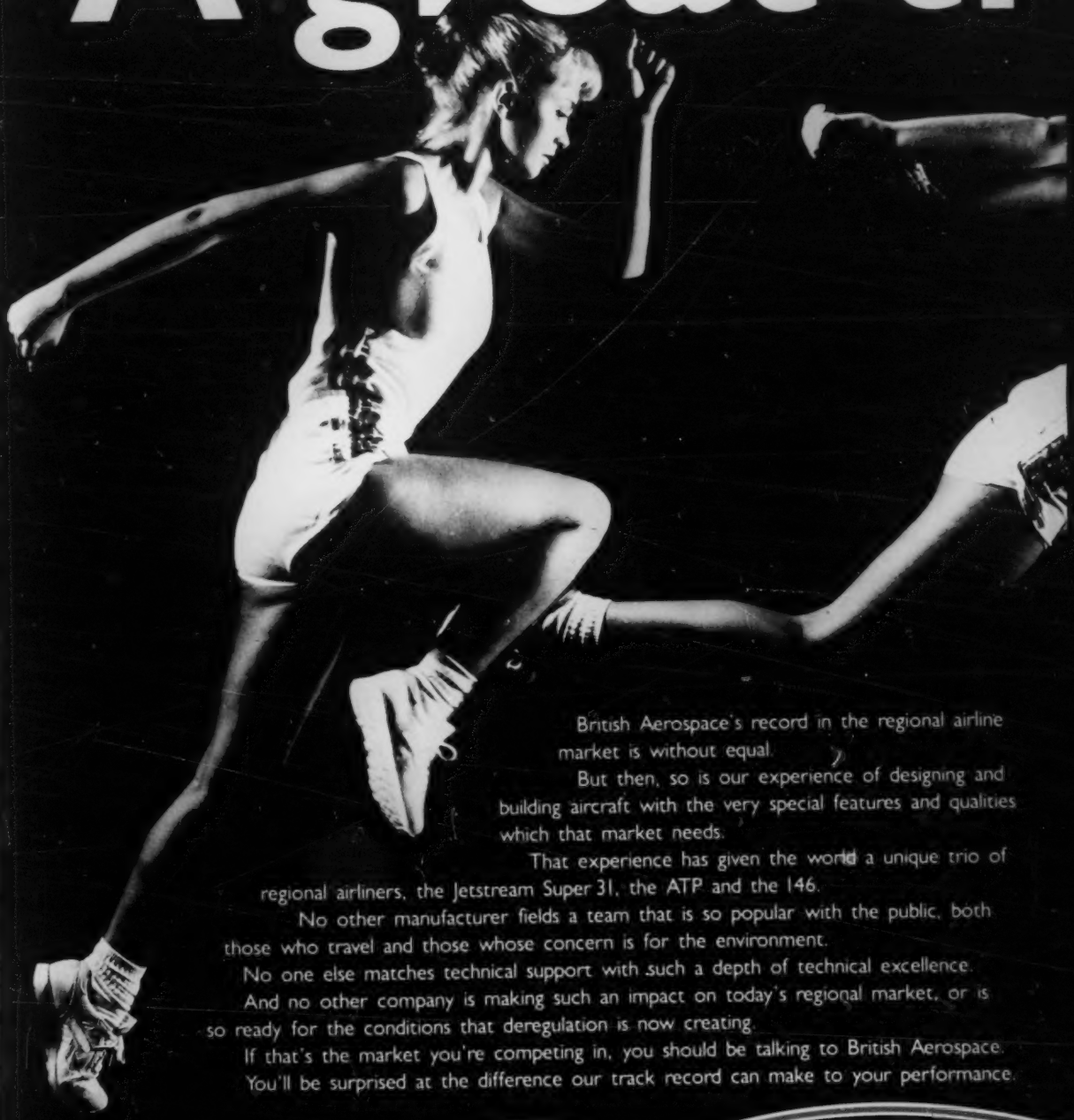

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1998 Year at a Glance

1988 Year at a Glance

U.S. regional airlines again recorded an impressive year. Passengers enplaned in 1988 totaled 35.2 million, a gain of 11 percent over 1987. Revenue passenger miles also increased to 6.04 billion in 1988 from 5.00 billion in 1987. There were 163 carriers offering scheduled passenger service in 1988 compared with 169 the previous year, reflecting the consolidation trend of the overall U.S. airline industry. The 50 largest regional airlines accounted for 95 percent of total industry enplanements and 96 percent of revenue passenger miles in 1988.

Regional airlines continued to provide the vast majority of scheduled airline service throughout North America. Airports served by regional carriers increased to 861, with 72 percent of these points depending exclusively on regional carriers for air transportation. By contrast, major airlines served only 275 airports in 1988. There were 60 code sharing agreements between the regional and major airlines during 1988, with 41 of the top 50 regional carriers using the two-letter designator code of a larger airline to list their flights.

The industry continued to provide the vital link from small communities to hub airports in 1988, utilizing 1,801 aircraft in passenger service. The average seating capacity of regional aircraft rose from 19.7 to 20.5, reflecting an increase in the number of larger aircraft in active service and the retirement of older piston-powered airplanes. Fleet flying hours for passenger aircraft rose to 3.08 million.

Last year was one of the safest years in regional airline history. The fatality rate for regional airlines declined 82 percent, while industry departures rose 20 percent to 3.84 million in 1988. The National Transportation Safety Board reported that Part 135 airlines (carriers using aircraft with 30 or fewer seats), recorded their safest year since the Board began collecting figures in 1975. Part 121 regional carriers posted their fifth consecutive year with no fatalities.

Industry Traffic Statistics
1988 Calendar Year

Passenger Operations	1978	1979	1980	1981	1982	1983	1984	1985 1/	1986	1987	1988 2/	Percent Change
Carriers Operating	228	227	214	246	215	196	203	179	179	169	163	−4
Passengers Enplaned (Millions)	11.3	14.0	14.8	15.4	18.6	21.8	26.1	26.0	28.4	31.7	35.2	+11
Average Passengers Enplaned per Carrier	49,600	61,700	69,200	62,600	86,500	111,200	128,100	152,400	158,400	187,700	213,905	+14
Revenue Passenger Miles (Billions)	1.36	1.72	1.92	2.09	2.61	3.24	4.17	4.41	4.47	5.00	6.04	+21
Average RPM's per Carrier (Millions)	5.97	7.58	8.97	8.50	12.14	16.53	20.46	24.64	24.98	29.60	37.05	+25
Airports Served	681	746	732	766	817	854	853	854	824	834	861	+3
Average Trip Length (Miles)	121	123	129	136	141	149	160	173	158	158	173	+10
Aircraft Operated	1,047	1,265	1,339	1,463	1,573	1,545	1,747	1,745	1,806	1,841	1,801	−2
Average Seating Capacity (Seats per Aircraft)	11.9	12.5	13.9	15.1	15.6	18.1	18.4	19.2	18.4	19.7	20.5	+4
Fleet Flying Hours (Thousands)	1,131	1,390	1,740	1,994	2,160	2,415	2,764	2,854	2,929	2,942	3,078	+5
Average Annual Utilization per Aircraft (Hours)	1,080	1,193	1,299	1,363	1,373	1,563	1,582	1,635	1,622	1,598	1,709	+7

Notes: 1/ Adjusted to exclude Empire Airlines traffic, merged into Piedmont during 1986, to provide meaningful year-over-year comparison.
2/ Inclusive of Presidential Airways. 1987 figures included subsidiary Colgan Airways only.
Data inclusive of carriers which may have operated during only part of calendar year 1988.

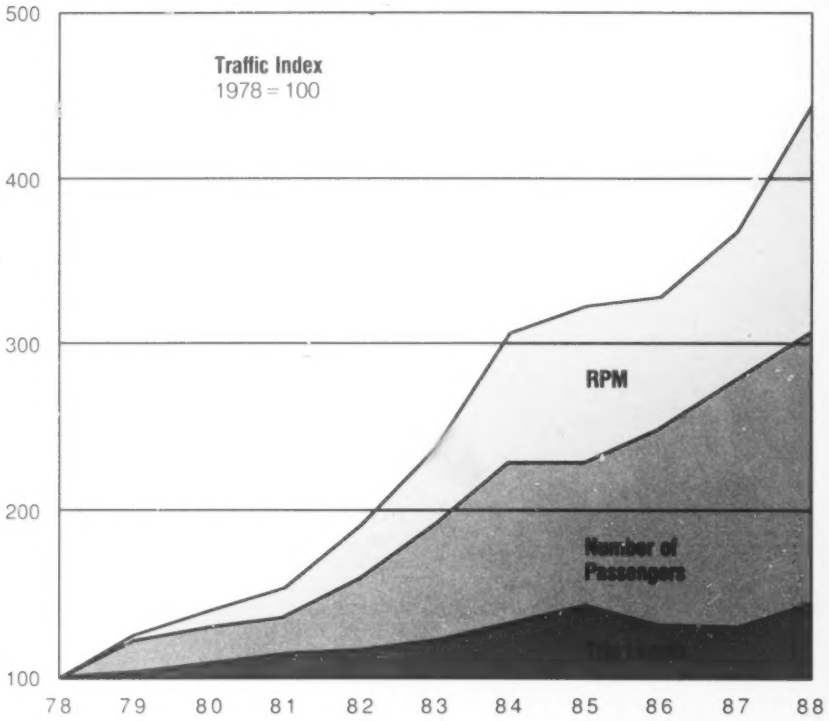
Source: Regional Airline Association Annual Survey—1988 and AvStat Associates

Traffic Statistics

RPM's
1978—1.36 billion
1988—6.04 billion

Passengers
1978—11.3 million
1988—35.2 million

Trip Length
1978—121 miles
1988—173 miles

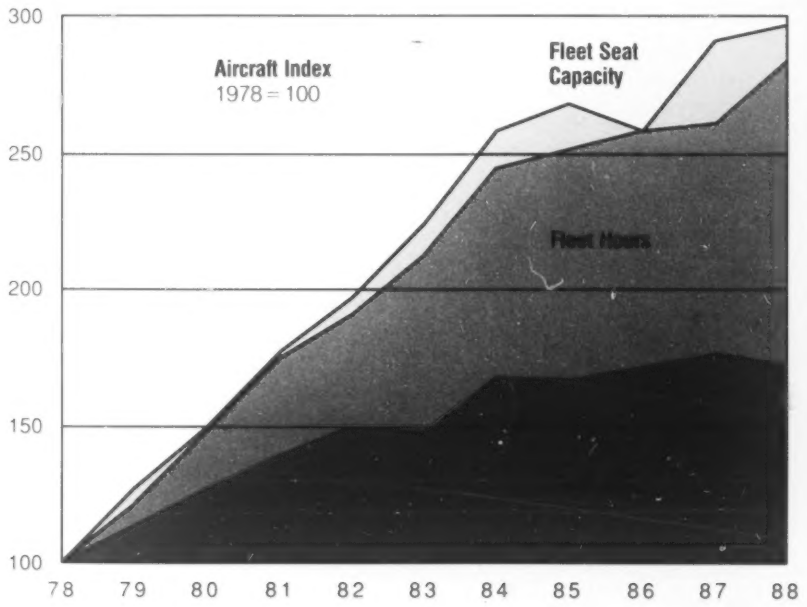


Aircraft Fleet

Seat Capacity
1978—11.9
1988—20.5

Fleet Hours
1978—1,131
1988—3,078

Fleet ACFT
1978—1,047
1988—1,801



Source: Regional Airline Association

1988 Year at a Glance

Regional Airline Safety Statistics 1983–1988

Year	Total Accidents	Fatal Accidents	Departures (millions)	Total Accidents (Per 100,000 Departures)	Fatal Accidents (Per 100,000 Departures)
1983	19	3	2.87	0.66	0.11
1984	22	7	3.22	0.68	0.22
1985	21	7	3.08	0.68	0.23
1986	16	2	3.10	0.52	0.06
1987	36	11	3.20	1.12	0.34
1988	23	2	3.84	0.60	0.05

Source: Derived from NTSB statistics
Note: These figures include both scheduled Part 135 and Part 121 operations

Scheduled Part 121 Regional Airline Safety Statistics 1983–1988

Rates/100,000 Departures

Year	Total Accidents	Fatal Accidents
1983	0.19	0.19
1984	0.00	0.00
1985	0.00	0.00
1986	0.13	0.00
1987	0.27	0.00
1988	0.35	0.00

Source: Derived from NTSB statistics

Scheduled Part 135 Safety Statistics 1976–1988

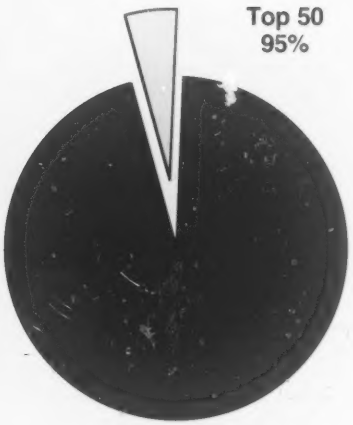
Rates/100,000 Departures

Year	Total Accidents	Fatal Accidents
1976	2.28	0.59
1977	2.53	0.52
1978	3.06	0.70
1979	2.76	0.80
1980	2.14	0.45
1981	1.69	0.49
1982	1.33	0.25
1983	0.77	0.09
1984	0.82	0.26
1985	0.82	0.27
1986	0.56	0.08
1987	1.25	0.44
1988	0.71	0.07

Source: NTSB
The NTSB defines "commuter" as all scheduled passenger and cargo operations involving aircraft seating 30 passengers or less or having a payload capacity of 7,500 pounds or less, consistent with the regulatory definition of Part 135. This definition excludes all Part 121 regional operations involving aircraft seating 31–60 passengers from regional safety statistics.

Top 50 Regional Airlines in 1988

■ Top 50
□ Others



Total passengers
35,188,223

The Top 100 Regional Airlines carried 99% of all Regional Airline passengers in 1988. The Top 50 alone accounted for 95% of the total.

1988 Rank	Carrier	Codes Shared (1988)	1988 Passengers	
1	Air Wisconsin	UA	2,419,874	
2	Metro Airlines 1/	AA/EA	2,282,101	
3	WestAir 1/	UA	1,929,000	
4	Henson Aviation	PI/TW	1,586,157	
5	Atlantic Southeast Airlines	DL	1,585,536	
6	Simmons Airlines	AA (NW)	1,507,450	
7	Horizon Air	AS/NW	1,397,139	
8	Comair	DL	1,184,823	
9	Bar Harbor Airlines	CO/EA	1,154,612	
10	Pan Am Express	PA	1,023,685	
11	Express Airlines I	NW	967,993	
12	Wings West Airlines	AA	944,373	
13	SkyWest Airlines	DL	913,777	
14	Brockway Air 1/	PI	905,924	
15	Aspen Airways	UA	887,635	
16	Air Midwest	BN/(EA)/TW	875,459	
17	CCAir	PI	828,330	
18	Britt Airways	CO	766,248	
19	Jetstream International	PI	765,622	
20	Business Express	DL	765,620	
21	Presidential Airways	UA	731,292	
22	Rocky Mountain Airways	CO	708,029	
23	Pennsylvania Commuter Airlines	AL	694,817	
24	Command Airways	AA	570,472	
25	Executive Air Charter	AA	562,574	
26	Suburban Airlines	AL	539,781	
27	Nashville Eagle	AA	525,181	
28	Midway Commuter	ML	435,657	
29	Chautauqua Airlines	AL	416,894	
30	Mesaba Aviation	NW	385,461	
31	Resort Air	TW	329,411	
32	Precision Airlines	EA	286,915	
33	Mesa Airlines		274,857	
34	Scenic Airlines		246,379	
35	Aloha IslandAir	AQ	195,605	
36	San Juan Airlines	UA	174,470	
37	ERA Aviation	AS	164,728	
38	V I. Seaplane Shuttle	TW	158,517	
39	Air Molokai		139,486	
40	Air Kentucky	AL	133,248	
41	Big Sky Transportation	NW	132,788	
42	Aero Coach Aviation		126,506	
43	Vieques Air Link		125,535	
44	Southern Jersey Airways	(AL)/CO/EA	105,526	
45	Aero Virgin Islands		104,185	
46	StatesWest Airlines		101,487	
47	Pocono Airlines	AL	98,378	
48	Chalk's International Airline		96,006	
49	SouthCentral Air	UA	93,363	
50	Royale Airlines 2/		89,136	
	Total Enplanements—Top 50 Airlines		**33,438,042**	**95%**
	Total Industry Enplanements		**35,188,223**	
	Total Revenue Passenger Miles Top 50 Airlines (000's)		**5,787,531**	**96%**
	Total Industry Revenue Passenger Miles (000's)		**6,038,869**	

Notes: 1/ Carrier inclusive of all operating subsidiaries
2/ Carrier has either ceased operations or filed for Chapter 11
( )—Indicates terminated code-sharing relationships

Source: Regional Airline Association and AvStat Associates

1988 Year at a Glance

Regional Airline Code-sharing Partnerships as of 1 May 1989

Airline	Partner(s)	Hub(s)
Alaska Airlines	Bering Air	OME
	ERA Aviation	ANC
	Horizon Air Industries*	PDX/SEA
	L.A.B. Flying Service	JNU
	San Juan Airlines	SEA
	Temsco Airlines	KTN
Aloha Airlines	Aloha Islandair*	HNL
American Airlines	Chaparral Airlines	DFW
	Command Airways*	BOS/NYC
	Executive Air Charter	SJU
	Metro Airlines	DFW
	Metroflight	DFW
	Nashville Eagle*	BNA/RDU
	Simmons Airlines*	ORD
	Wings West Airlines*	LAX/SFO/SJC
Braniff	Air Midwest	MCI
	Midcontinent Airlines	MCI
Continental Airlines	Bar Harbor Airlines*	EWR
	Britt Airways*	IAH
	Rocky Mountain Airways*	DEN
	Southern Jersey Airways	EWR
Delta Air Lines	Atlantic Southeast Airlines	ATL/DFW
	Business Express	BOS/NYC
	Comair	CVG/ORL
	SkyWest Airlines	LAX/SLC
Eastern Air Lines	Aviation Associates	SJU
	Bar Harbor Airlines*	BOS/NYC
	Eastern Metro Express	ATL
	Southern Jersey Airways	EWR
Markair	Hermen's Air*	BET/KSM
Midway Airlines	Iowa Airways	MDW
	Midway Commuter*	MDW
Midwest Express	Skyway/Mesa Airlines	MKE
Northwest Airlines	Big Sky Airlines	BIL/GEG
	Express Airlines I	MEM/MKE/MSP
	Horizon Air Industries	SEA
	Mesaba Aviation	DTW/MKE/MSP
	Precision Airlines	BOS
Pan American	Pan Am Express*	BER/JFK
	Resort Commuter	LAX
Trans World Airlines	Air Midwest	STL
	Metro Northeast (Brockway Air)	BOS/JFK
	Henson Airlines	JFK
	Jet Express	JFK
	Pocono Airlines	BOS/DCA/JFK
	Resort Air	STL
	V.I. Seaplane Shuttle	SJU

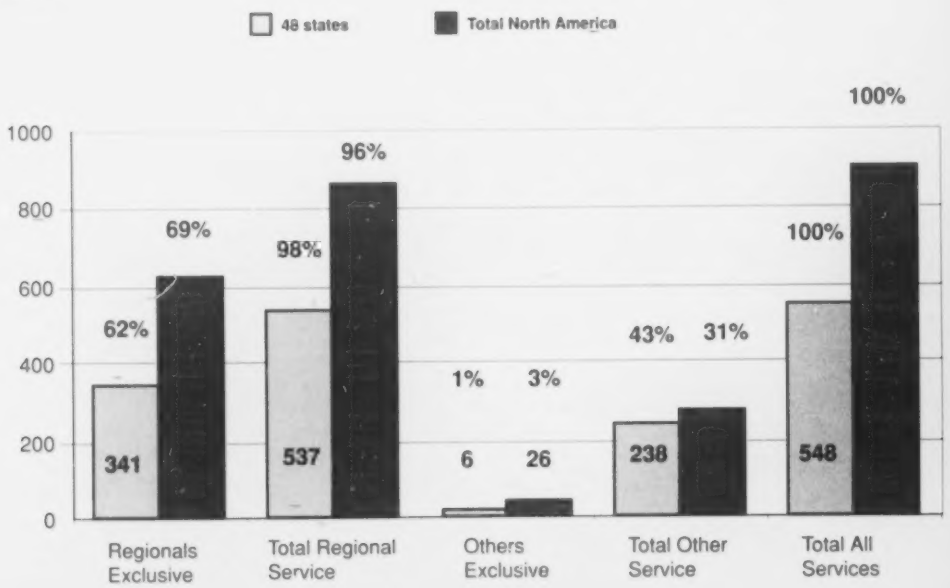
Regional Airline Code-sharing Partnerships as of 1 May 1989

Airline	Partner(s)	Hub(s)
United Airlines	Air Wisconsin	ORD/IAD
	Aspen Airways	DEN
	NPA	PDX/SEA
	Presidential Airways	IAD
	WestAir Airlines	LAX/SFO
USAir	Air Kentucky	IND
	CCAir	CLT
	Chautauqua Airlines	PIT
	Crown Airways	PIT
	Henson Airlines*	BWI/CLT
	Jetstream Int'l Airlines*	BWI/DAY
	Pennsylvania Airlines*	PHL/PIT
	Suburban Airlines*	PHL/PIT

Sources: Regional Airline Association and Addat Associates

Notes: (1) * Commuting interest has been acquired by major partner.
(2) Information may not correlate exactly with Airline Directory due to differences in reporting dates.

Airports Receiving Scheduled Services



REGIONAL FLIGHT

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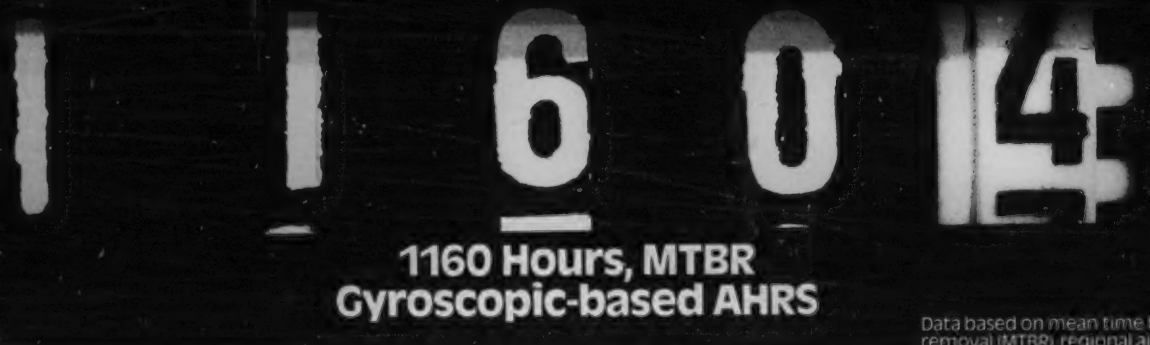

Data based on mean time between removal (MTBR) regional airline fleets.

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Aircraft

The number of regional airliners in passenger service decreased slightly in 1988 to 1,801. However, this number represents an overall increase of 72 percent in aircraft operated since economic deregulation 10 years ago. The industry continues to add larger turboprop aircraft to the fleet, with aircraft of more than 30 seats (Part 121) accounting for 20 percent of the fleet total. These aircraft constituted 42 percent of available regional passenger seats in 1988. The mainstay of the fleet remained the 19 seat aircraft. Last year regional carriers utilized 773 aircraft in this category. The next largest equipment group, aircraft with 9 or less seats, decreased from 605 aircraft in 1987 to 536.

The top three regional passenger aircraft, in terms of percentage of total seating capacity, remained the same as last year. The Fairchild Metro continues to account for the largest percentage of regional airline seating capacity at 13.1 percent, with 254 airplanes in service. The 75 Shorts 360's in passenger use in 1988 comprised 7.3 percent of industry seating capacity and the 136 British Aerospace Jetstream 31's accounted for 7.0 percent.

The number of aircraft utilized by regional carriers to transport cargo grew from 330 in 1987 to 396 in 1988. Multiengine piston aircraft comprised 49 percent of the regional cargo fleet, while turboprops accounted for 45 percent.

Top Regional Passenger Aircraft 1988

Rank	Manufacturer	Model	Total Aircraft in Airline Service	Total Seats	Percent of Total Fleet Seating Capacity	1988 Fleet Flying Hours
1	Fairchild	Metro	254	4,826	13.1	528,746
2	Shorts	360	75	2,700	7.3	187,156
3	British Aerospace	Jetstream 31	136	2,584	7.0	278,779
4	British Aerospace	146	28	2,520	6.8	65,222
5	Aerospatiale	ATR42	49	2,254	6.1	89,551
6	Saab	340	70	2,240	6.1	168,901
7	Embraer	Brasilia	64	1,920	5.2	160,463
8	Beech	1900	84	1,596	4.3	190,202
9	deHavilland	Dash 7	31	1,550	4.2	77,053
10	deHavilland	Twin Otter	77	1,463	4.0	122,161
11	deHavilland	Dash 8	41	1,312	3.5	96,061
12	Embraer	Bandeirante	69	1,242	3.4	146,076
13	Fokker	F27	24	1,080	2.9	62,400
14	Convair	580	20	960	2.6	24,254
15	Cessna	402	119	952	2.6	129,541
16	Piper	Navajo	109	872	2.4	106,694
17	Beech	99	56	840	2.3	130,625
Total–Top Aircraft*			**1,306 (72.5%)**	**30,911**	**83.6**	**2,563,885 (83.3%)**
All Others in Service			**495 (27.5%)**	**6,065**	**16.4**	**514,333 (16.7%)**
Industry Total			**1,801 (100.0%)**	**36,976**	**100.0**	**3,078,218 (100.0%)**

Notes: (1) * - Aircraft accounting for 2.0% or more of 1988 passenger fleet lift capacity.
(2) Data inclusive of carriers who may have operated only part of 1988.
Source: Regional Airline Association Annual Survey - 1988 and AvStat Associates

Aircraft in Regional Airline Passenger Service

Comparison of Aircraft Seating Capacity by Fleet Size, Hours Flown and Revenue Passenger Miles 1978 versus 1988

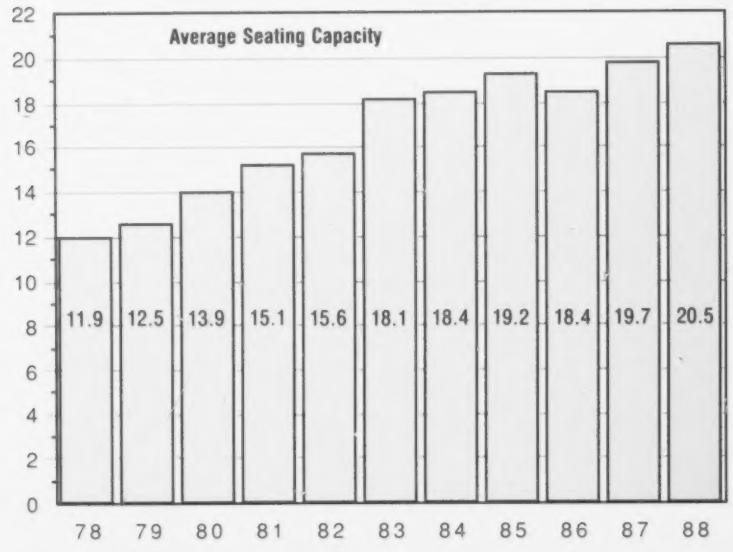
	Passenger Seating Capacity					
	1–9	10–19	20–39	40 & Up	Other	Total
Aircraft in Active Fleet						
1978	667	270	72	22	16	1,047
1988	536	773	299	129	64	1,801
Percent Change	−20	+186	+315	+486	+300	+72
Hours Flown (000's)						
1978	566	474	57	23	11	1,131
1988	497	1,529	695	271	86	3,078
Percent Change	−12	+223	+1,119	+1,078	+682	+172
Revenue Passenger Miles (% of Total Shown)						
1978	22%	58%	13%	6%	1%	1.28 bil.
1988	9%	81%	9%	1%	0.1%	6.04 bil.
Percent Change						+372

Notes: (1) Other inclusive of helicopters and jets.
(2) 1978 data estimated from C.A.B. reports of Commuter activity.

Source: Regional Airline Association Annual Survey – 1988 and AvStat Associates

Aircraft Statistics

Average Annual Utilization	
1978	1,080
1979	1,193
1980	1,299
1981	1,363
1982	1,373
1983	1,563
1984	1,582
1985	1,635
1986	1,622
1987	1,598
1988	1,709



Summary of Passenger Aircraft in Regional Airline Use—1988

	Piston Single-Engine	Piston Multi-Engine	Turboprop	Jet	Helicopter	Total
Aerospatiale			49			49
Beech	1	7	149			157
Bell					16	16
British Aerospace			136	28		164
Britten Norman		29				29
CASA			16			16
Catpass			2			2
Cessna	150	126		3		279
Convair		2	20			22
deHavilland	61		149			210
Dornier			35			35
Douglas		8		8		16
Embraer			132			132
Fairchild			257			257
Fokker			24	2		26
Grumman		8	12			20
Piper	12	177	10			199
Saab			70			70
Shorts			95			95
Sikorsky					7	7
Total 1988	**224**	**357**	**1,156**	**41**	**23**	**1,801**
Total 1987	**270**	**364**	**1,156**	**28**	**23**	**1,841**
Change	**−46**	**−7**	**0**	**13**	**0**	**−40**

Source: Regional Airline Association Annual Survey—1988 and AvStat Associates

Summary of All-Cargo Aircraft in Regional Airline Use—1988

	Piston Single-Engine	Piston Multi-Engine	Turboprop	Jet	Total
Aero Commander		4		4	8
Beech	6	53	42		101
Britten Norman		2			2
CASA			1		1
Cessna		12	52		64
Convair		13	18		31
deHavilland	1		18		19
Dassault				2	2
Dornier			3		3
Douglas		24			24
Embraer			4		4
Fairchild			3		3
Fokker			8		8
Lear				4	4
Mitsubishi			5		5
Piper	8	85	20		113
Shorts			4		4
Total	**15**	**193**	**178**	**10**	**396**

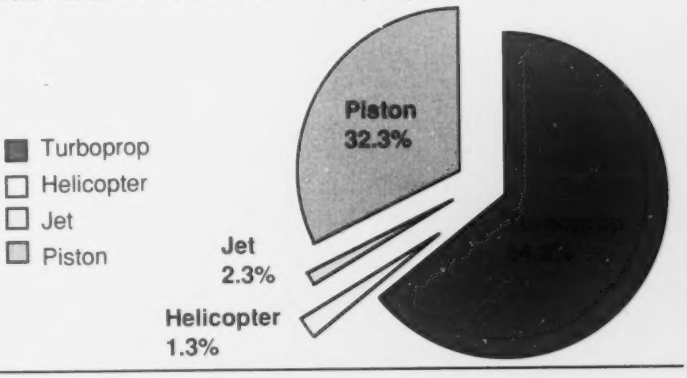
Source: Regional Airline Association Annual Survey—1988 and AvStat Accessories

Distribution of Passenger Fleet by Seating Capacity and Engine Type

Total Fleet

Total Fleet—1,801 Aircraft	Percentage of Total Fleet
All Single Engine	12.4
Multi-Engine	
1–9	18.1
10–19	42.1
20–30	6.0
31–40	10.6
41>	7.2
Jets	2.3
Helicopters	1.3

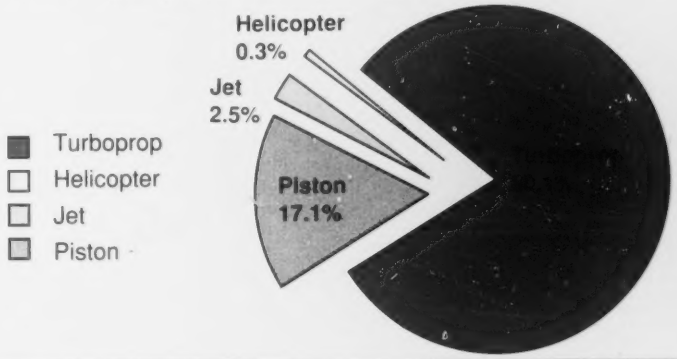
Total Aircraft in Part 135 Service: 1,443 (80%)
Total Aircraft in Part 121 Service: 358 (20%)



Hours Flown

Hours Flown—3,078,218 Hours	Percentage of Total Hours
All Single Engine	5.8
Multi-Engine	
1–9	10.7
10–19	49.3
20–30	7.6
31–40	15.0
41>	8.8
Jets	2.5
Helicopters	0.3

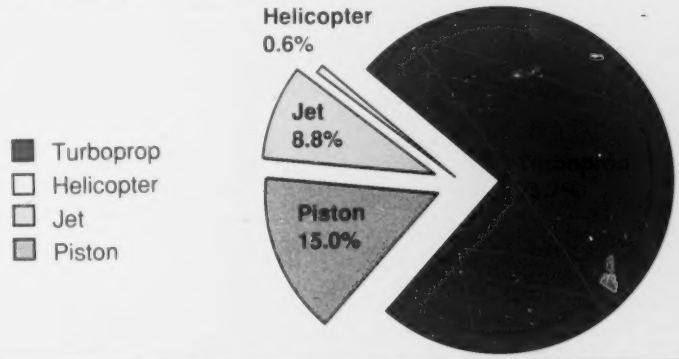
Total Hours (000's) in Part 135 Service: 2,273 (74%)
Total Hours (000's) in Part 121 Service: 804 (26%)



Available Seats

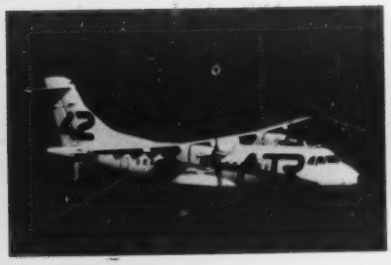
	Percentage of Available Seats
All Single Engine	4.1
Multi-Engine	
1–9	9.4
10–19	36.1
20–30	8.3
31–40	16.8
41>	15.9
Jets	8.8
Helicopters	0.6

Total Passenger Lift in Part 135 Service: 58%
Total Passenger Lift in Part 121 Service: 42%



Source: Regional Airline Association Annual Survey—1988 and AvStat Associates

Aircraft Picture Directory



Aerospatiale/Aeritalia ATR-42

Passenger capacity	46/50
Crusing speed (knots)	265
Maximum take-off weight (pounds)	36,817
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

Aerospatiale/Aeritalia ATR-72

Passenger capacity	66/69
Cruising speed (knots)	286
Maximum take-off weight (pounds)	44,070
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

BAe ATP (Advanced Turboprop)

Passenger capacity	64
Cruising speed (knots)	268
Maximum take-off weight (pounds)	50,550
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

BAe Jetstream 31

Passenger capacity	19
Cruising speed (knots)	260
Maximum take-off weight (pounds)	15,322
Type of powerplant	Garrett
Pressurization	Yes

BAe Super Jetstream 31

Passenger capacity	19
Cruising speed (knots)	270
Maximum take-off weight (pounds)	16,204
Type of powerplant	Garrett
Pressurization	Yes

BAe 146-100

Passenger capacity	88
Cruising speed (knots)	425
Maximum take-off weight (pounds)	84,000
Type of powerplant	Textron Lycoming
Pressurization	Yes

BAe 146-200

Passenger capacity	100
Cruising speed (knots)	425
Maximum take-off weight (pounds)	93,000
Type of powerplant	Textron Lycoming
Pressurization	Yes

BAe 146-300

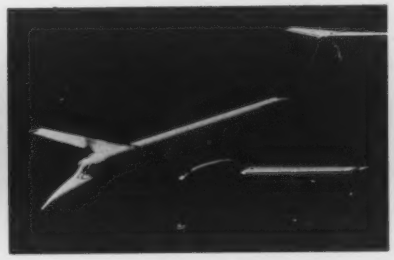
Passenger capacity	103
Cruising speed (knots)	425
Maximum take-off weight (pounds)	97,500
Type of powerplant	Textron Lycoming
Pressurization	Yes

Beechcraft 1300

Passenger capacity	13
Cruising speed (knots)	290
Maximum take-off weight (pounds)	12,500
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

Beech C99 (BE-99)

Passenger capacity	15
Cruising speed (knots)	248
Maximum take-off weight (pounds)	11,300
Type of powerplant	Pratt Whitney Canada
Pressurization	No



Beech 1900

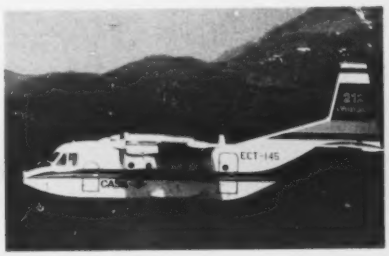
Passenger capacity	19
Cruising speed (knots)	256
Maximum take-off weight (pounds)	16,600
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

Bromon BR-2000

Passenger capacity	46
Cruising speed (knots)	210
Maximum take-off weight (pounds)	29,750
Type of powerplant	General Electric
Pressurization	No
Est. Delivery Date	1990

Challenger Regional Jet CL 601-RJ

Passenger capacity	48
Cruising speed (knots)	460
Maximum take-off weight (pounds)	47,250
Type of powerplant	General Electric
Pressurization	Yes
Est. Delivery Date	1991–92



CASA C-212

Passenger capacity	23
Cruising speed (knots)	162
Maximum take-off weight (pounds)	16,975
Type of powerplant	Garrett
Pressurization	No

CASA CN-235

Passenger capacity	44
Cruising speed (knots)	240
Maximum take-off weight (pounds)	31,746
Type of powerplant	General Electric
Pressurization	Yes

Cessna 402 (CE-402)

Passenger capacity	8
Cruising speed (knots)	174
Maximum take-off weight (pounds)	6,850
Type of powerplant	Teledyne Continental
Pressurization	No

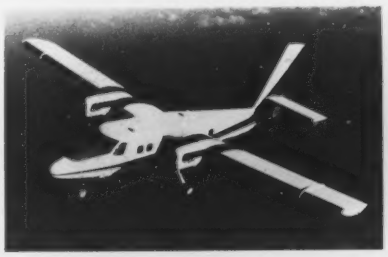
Commuter Air Transports CATPASS 200

Passenger capacity	13
Cruising speed (knots)	239
Maximum take-off weight (pounds)	12,500
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

Aircraft Picture Directory

Convair 580

Passenger capacity	44
Cruising speed (knots)	260
Maximum take-off weight (pounds)	30,275
Type of powerplant	Allison/Rolls Royce
Pressurization	Yes



deHavilland (DHC-6) Twin Otter

Passenger capacity	20
Cruising speed (knots)	182
Maximum take-off weight (pounds)	12,500
Type of powerplant	Pratt Whitney Canada
Pressurization	No

deHavilland (DHC-7) Dash 7

Passenger capacity	50–54
Cruising speed (knots)	228
Maximum take-off weight (pounds)	47,000
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

deHavilland (DHC-8) Dash 8-100

Passenger capacity	36-40
Cruising speed (knots)	265
Maximum take-off weight (pounds)	34,500
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

deHavilland (DHC-8) Dash 8-300

Passenger capacity	50-56
Cruising speed (knots)	285
Maximum take-off weight (pounds)	41,000
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes
Est. Delivery Date	Early 1989

Dornier 228-202

Passenger capacity	19
Cruising speed (knots)	231
Maximum take-off weight (pounds)	13,669
Type of powerplant	Garrett
Pressurization	No

Dornier 328

Passenger capacity	30-33
Cruising speed (knots)	345
Maximum take-off weight (pounds)	27,550
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes
Est. Delivery Date	1993

Embraer CBA 123

Passenger capacity	19
Cruising speed (knots)	351
Maximum take-off weight (pounds)	18,739
Type of powerplant	Garrett
Pressurization	Yes
Est. Delivery Date	1991

Embraer (EMB-110) Bandeirante

Passenger capacity	19
Cruising speed (knots)	220
Maximum take-off weight (pounds)	13,007
Type of powerplant	Pratt Whitney Canada
Pressurization	No

Embraer (EMB-120) Brasilia

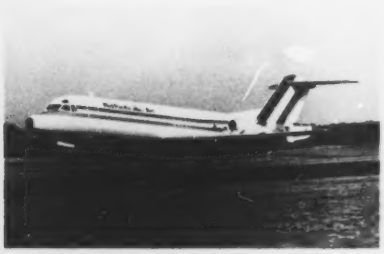
Passenger capacity	30
Cruising speed (knots)	294
Maximum take-off weight (pounds)	25,353
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

Fairchild (SA-227-AC) Metro III

Passenger capacity	19
Cruising speed (knots)	270
Maximum take-off weight (pounds)	14,500/16,000
Type of powerplant	Garrett
Pressurization	Yes

Fokker F-27 Mk500

Passenger capacity	50
Cruising speed (knots)	259
Maximum take-off weight (pounds)	45,000
Type of powerplant	Rolls Royce
Pressurization	Yes



Fokker F-28 Mk400

Passenger capacity	85
Cruising speed (knots)	447
Maximum take-off weight (pounds)	73,000
Type of powerplant	Rolls Royce
Pressurization	Yes

Fokker 50

Passenger capacity	50
Cruising speed (knots)	285
Maximum take-off weight (pounds)	45,900
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

Fokker 100

Passenger capacity	107
Cruising speed (knots)	432
Maximum take-off weight (pounds)	95,000
Type of powerplant	Rolls Royce
Pressurization	Yes

Nihon YS-11

Passenger capacity	58
Cruising speed (knots)	250
Maximum take-off weight (pounds)	55,100
Type of powerplant	Rolls Royce
Pressurization	Yes

Nomad N22B

Passenger capacity	12
Cruising speed (knots)	168
Maximum take-off weight (pounds)	8,500
Type of powerplant	Allison
Pressurization	No

Nomad II Airliner

Passenger capacity	16
Cruising speed (knots)	173
Maximum take-off weight (pounds)	9,200
Type of powerplant	Allison
Pressurization	No

Aircraft Picture Directory

Pilatus B-N (BN2B-20) Islander

Passenger capacity	8
Cruising speed (knots)	140
Maximum take-off weight (pounds)	6,500
Type of powerplant	Avco Lycoming
Pressurization	No

Piper PA-T1040

Passenger capacity	9
Cruising speed (knots)	220
Maximum take-off weight (pounds)	9,000
Type of powerplant	Pratt Whitney Canada
Pressurization	No

Saab 340

Passenger capacity	30-37
Cruising speed (knots)	272
Maximum take-off weight (pounds)	28,000
Type of powerplant	General Electric
Pressurization	Yes

Saab 340B

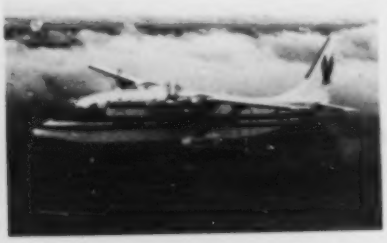
Passenger capacity	30-37
Cruising speed (knots)	285
Maximum take-off weight (pounds)	28,500
Type of powerplant	General Electric
Pressurization	Yes
Est. Delivery Date	Spring 1989

Saab 2000

Passenger capacity	50
Cruising speed (knots)	360
Maximum take-off weight (pounds)	To be determined
Type of powerplant	Turboprop
Pressurization	Yes
Est. Delivery Date	Fall 1993

Shorts 330

Passenger capacity	30
Cruising speed (knots)	189
Maximum take-off weight (pounds)	22,900
Type of powerplant	Pratt Whitney Canada
Pressurization	No



Shorts 360-300

Passenger capacity	36
Cruising speed (knots)	217
Maximum take-off weight (pounds)	27,100
Type of powerplant	Pratt Whitney Canada
Pressurization	No

Shorts FJX

Passenger capacity	48
Cruising speed (knots)	425
Maximum take-off weight (pounds)	41,300
Type of powerplant	Fan Jet
Pressurization	Yes
Est. Delivery Date	1993

Skytrader 1400 Commuterliner

Passenger capacity	19
Cruising speed (knots)	170
Maximum take-off weight (pounds)	13,000
Type of powerplant	Garrett
Pressurization	No
Est. Delivery Date	1989

Aircraft Performance Chart

Reprinted from May *Business and Commercial Aviation*

How to Use the Commuter Airplane Charts

Think of B/CA's 1989 commuter charts as a hypothetical airline . . . an airline with the unlikely fleet composition of one of everything. We have typically operated each of these airplanes over three different stage lengths to see where each best fits in the marketplace.

In past years, all piston and turboprop aircraft were flown continuously over stages of 75, 150 and 275 sm, all within the confines of a 14-hour duty day. Jets were operated over stages of 150, 275 and 400 sm. This year, the splits have been changed to more accurately reflect the increase in average stage lengths being flown by larger and newer equipment.

All non-pressurized aircraft, up to and including the 36-passenger Shorts 360, remain at 75, 150 and 275 sm, where they do best. All pressurized aircraft, including jets, are being operated over the longer 150-, 275- and 400-sm segments.

According to the rules of the game, the airplanes carry 200 pounds per passenger seat, including luggage, plus maximum allowable fuel, which takes into account maximum landing weight at the first stop and zero-fuel weight limitations. Each departure consumes 10 minutes for start-up, taxi-out and takeoff under sea-level, ISA conditions. The aircraft uses best climb to optimum cruising altitude, descends to sea level with no provisions for approach, landing or taxi-in. And the balance of the distance is spent at high-speed cruise.

Each turnaround requires 20 minutes plus 10 minutes for each refueling. B/CA has found that this regime provides fairly realistic utilization of 7.5 to 11 hours per day. Minimum fuel requirements include provisions for a 45-minute hold at cruising altitude and cruising speeds plus an 87-nm alternate under the same conditions.

In cases where weight must be reduced, available fuel is reduced to the minimum for that mission, plus reserves, prior to the removal of any passengers. When a passenger(s) must be removed for such consideration, the seat also is removed for the purposes of calculating that mission profile.

Other assumptions that may require some explanation:

WEIGHTS—If no published zero fuel weight exists, landing weight is used. The designation of basic operating weight (BOW) has been replaced with operating empty weight (OEW) to conform with Air Transport Association of America Specification for Manufacturers' Technical Data. OEW includes cockpit and cabin crew, manuals and baggage; usable engine oil and injection fluids; removable cabin, meal, and liquor service equipment; food and beverage; usable drinking and washing water; required emergency equipment, including rafts and life vests; and any cargo handling systems or equipment.

More specifically, pilots are considered to weigh 170 pounds each and flight attendants 130 pounds each. Manuals and charts weigh 15 pounds and galley stores and consumable liquids, including ice, are tabulated at two pounds per passenger seat for aircraft of more than 19 passenger seats.

PERFORMANCE PARAMETERS—All performance parameters are directly from the aircraft flight manual or from the manufacturers' computerized performance data except where noted in the notes column. Also, unless otherwise noted, all performance parameters are under ISA/sea level conditions.

True airspeeds, fuel flows and flight levels listed under the heading of CRUISE reflect the cruise parameters during each airplane's longest mission listed under productivity factors. Speeds are shown in knots, although missions are displayed according to statute-mile distances.

PRODUCTIVITY FACTORS—Each mission profile provides 11 bits of information about that particular airplane. Stages Fueling (stages per refueling) reflect the airplane's ability to tanker fuel and thus avoid making fuel purchases at points where contract fuel is not available. No. Pass. (number of passengers) indicates whether the airplane can accommodate a full passenger load under the existing circumstances.

Eng. Hrs. (engine hours) indicate the aircraft's daily utilization and Total Fuel is that consumed during the 14-hour duty day. Total number of trips made during the 14-hour day may be just as important as the ability to tanker fuel, since squeezing one additional trip out of an airplane is the ability to offer that many more seat miles.

Seat Miles do, of course, represent the availability of product that the airplane is able to offer to the marketplace. Seats that are not available cannot be filled. From an operational standpoint, productivity also is shown in terms of SM/hr (seat miles generated per engine hour) and SM/lb (seat miles produced per pound of fuel) during the 14-hour day.

The final three productivity factors relate to each individual mission. BS relates to block speed for each segment and MF is the mission, or block fuel consumed from engine start to shutdown. FL is the altitude at which the aircraft was operated during the cruise portion of the flight. **B/CA**

COMMUTER AIRPLANES

MANUFACTURER MODEL B/CA EQPD. PRICE	CHARACTERISTICS Seating Seat Pitch Wing Noise	DIMENSIONS (ft) External Length Height Span Turn Radius	DIMENSIONS (ft) Internal Length Height Width Bag. Vol/Pass.	POWER Engine Pwr. Output PSI	WEIGHTS (lb) Max Ramp Max TO Max Land	WEIGHTS (lb) Zero Fuel OEW Max Pld.	WEIGHTS (lb) Max Fuel Pld. M. Fuel Fuel M. Pld.	TAKEOFF A/S SL ISA 5,000 +20° C VMCA VXSE	CLIMB Rate (fpm) All Eng. Eng. Out	CLIMB Alt. (ft.) All Eng. Eng. Out	LIMITS VNE VA VFE VLO	
Pilatus B-N Islander BN2B-26 $597,500	2+8 29.0 hi wing 77.7	35.7 12.4 49.0 31.0	10.0 4.1 3.6 5.3	2 Lyc O-540-E4C5 260 hp ea. —	6,240 6,200 6,200	6,200 4,469 1,731	780* 991 40	1,118 1,725 40 65	1,000 207	15,500 6,100	184 107 88 —	
Pilatus B-N Islander BN2B-20 $647,500	2+8 29.0 hi wing 77.7	35.7 12.4 49.0 31.0	10.0 4.1 3.6 5.3	2 Lyc I0-540K1B5 300 hp ea. —	6,600 6,560 6,560	6,300 4,599 1,701	780* 1,221 300	1,155 1,733 40 65	1,150 205	19,800 6,300	184 107 88 —	
Cessna Caravan I CE-208 $875,000	1+9 32.0 hi wing 73.5	37.6 14.8 52.1 31.9	15.8 4.5 5.3 37.9	1 P&W PT6A-114 600 shp —	8,035 8,000 7,800	8,000 4,276 3,724	2,224 1,535 235	2,200 3,100 — 86	1,040 —	25,500 —	175 150 175 —	
Pilatus B-N Turbine Islander BN2T $1,297,800	2+8 29.0 hi wing 69.5	35.7 12.4 49.0 31.0	10.0 4.1 3.6 5.3	2 ALL 250-B17C 320 shp ea. —	7,045 7,000 6,800	6,600 4,295 2,305	1,440 1,310 445	1,250 1,900 47 75	1,050 215	25,500 10,200	152 113 88 —	
GAF Nomad II N24A $1,334,284	2+16 29.0 hi wing 71.0	47.0 18.2 54.2 52.0	21.3 5.2 4.3 4.4	2 ALL 250-B17C 420 shp ea. —	9,450 9,400 9,200	9,150 5,300 3,850	1,770 2,380 300	2,950 4,000 67 96	1,313 240	23,300 8,200	166 136 120 120	
Cessna Caravan II CE-406 $1,525,000	2+12 28.0 low wing 72.0	39.0 13.1 49.5 31.5	12.8 4.3 4.7 7.6	2 P&W PT6A-112 500 shp ea. —	9,925 9,850 9,360	8,500 5,567 2,933	3,183 1,175 1,425	4,776 6,300 90 105	1,750 320	30,000 14,800	230 163 200 180	
Embraer Bandeirante EMB-110-P1 $2,472,000	2+19 32.0 low wing 77.2	49.5 16.0 50.3 39.4	31.2 5.3 5.3 5.9	2 P&W PT6A-34 750 shp ea. —	13,073 13,007 12,566	12,015 8,350 3,695	2,948 1,775 1,058	3,600 5,600 84 117	1,650 339	21,500 9,500	230 169 148 146	
Dornier GmbH 228-202 DO-228-212 $3,000,000*	2+19 30.0 hi wing 72.3	54.3 15.8 55.6 48.5	23.3 5.1 4.5 6.5	2 AR TPE331-5 776 shp ea. —	14,175 14,109 13,448	13,095 8,249 4,846	4,156 1,770 1,080	2,550 3,400** 78 93	1,870 440	25,000 13,000	232 150 160 160	
Casa C212-300 $3,100,000*	3+26 30.0 hi wing 87.6/93.7	53.1 20.7 66.9 49.2	21.3 5.9 6.9 4.8	2 AR TPE331-10 925 shp ea.** —	17,086 16,975 16,424	15,853 10,450 5,203	3,537 3,099 1,433	3,264*** 4,790 85 110	1,670 341	28,000 11,500	200 146 135 —	
Short Bros. Ltd. 360-300 SD3-60 $5,250,000	3+36 30.0 hi wing 67.9/80.1	70.8 23.7 74.8 53.5	36.2 6.5 6.5 8.1	2 P&W PT6A-67R 1,424 shp ea. —	27,200 27,100 26,500	26,500 17,350 8,300*	3,840 6,010 700	4,280 4,920** 81 110	952 230	20,000 8,800	196 159 150 150	

COMMUTER AIRPLANES

	CRUISE TAS FF FL	B/CA PRODUCTIVITY FACTORS									NOTES Certification Basis Remarks
		75 sm MISSION			150 sm MISSION			275 sm MISSION			
		Stages Fueling No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	Stages Fueling No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	Stages Fueling No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	
	137 174 050	1 7 7.8 1,224	12 6,300 808 5.15	100 102 050	1 6 8.93 1,536	8 7,200 806 4.69	116 192 050	1 6 11.5 1,860	6 9,900 861 5.32	125 310 050	FAR 23,1963 MGTOW 6,600 lbs outside U.S. *Tip tanks available.
	140 192 050	1 8 7.6 1,320	12 7,200 947 5.45	103 110 050	1 7 9.6 1,818	9 9,450 984 5.20	122 202 050	1 6 10.8 2,220	6 9,900 917 4.46	153 370 050	FAR 23, 1963 *Tip tanks available.
	181 360 100	8 9 11.08 3,344	19 12,825 1,157 3.84	111 176 060	5 9 9.67 2,990	10 13,500 1,397 4.52	134 299 100	3 9 10.97 3,682	7 17,325 1,580 4.71	153 526 100	FAR 23,1984 Baggage pod available.
	170 390 50	3 8 9.0 2,790	15 9,000 1,000 3.23	108 186 050	2 8 10.33 3,310	10 12,000 1,161 3.63	126 331 080	1 8 10.2 3,390	6 13,200 1,294 3.89	141 565 100	FAR 23,1965
	151 330 100	1 13 7.37 2,384	13 12,875 1,720 5.32	115 183 065	1 13 10.05 2,826	9 17,550 1,746 6.21	116 314 100	1 12 10.4 3,252	6 19,800 1,904 8.08	130 542 100	FAR 23,1965 SFAR 23, 1968
	236 609 100	3 12 7.75 3,990	15 13,500 1,742 3.38	126 268 80	2 12 9.60 5,148	12 21,600 2,250 4.20	163 429 100	2 12 10.13 5,680	8 26,400 2,605 4.65	189 710 100	SFAR 41, 1986
	221 683 100	1 16 7.00 3,570	14 16,800 2,400 4.71	130 255 050	1 17 8.33 4,390	10 25,500 3,060 5.81	156 439 100	1 15 9.22 5,418	7 26,875 3,133 5.33	182 774 100	FAR 23,1969 Amendment SFAR 41.
	231 680 100	3 19 7.73 4,464	16 22,800 2,948 5.11	134 279 60	3 19 10.40 5,655	13 37,050 3,563 6.55	163 435 100	3 19 10.27 6,160	8 41,800 4,071 6.79	186 770 100	FAR 23, 1983 Amendment 34 *B/CA estimate **WAT limited to 13,500 lbs.
	198 775 135	1 25 9.00 5,973	9 33,750 3,749 5.65	130 664 80	1 23 9.47 6,390	6 37,950 4,009 5.94	151 1,065 100	1 21 10.64 7,460	5 42,000 3,947 5.63	164 1,492 100	FAR 25,1978 *B/CA estimate. **APR "on" ***Landing wt. ltd.
	214 1,047 100	2 36 7.75 6,900	15 40,500 5,226 5.87	126 460 060	1 36 8.33 7,750	10 54,000 6,480 6.97	156 775 100	1 36 9.33 9,121	7 69,300 7,425 7.60	174 1,303 100	FAR 25,1976 *Design payload. **WAT limited to 24,000 lbs.

COMMUTER AIRPLANES

MANUFACTURER MODEL B/CA EQPD. PRICE	CHARACTERISTICS Seating Seat Pitch Wing Noise	DIMENSIONS (ft) External Length Height Span Turn Radius	DIMENSIONS (ft) Internal Length Height Width Bag. V-ol/Pass.	POWER Engine Pwr. Output PSI	WEIGHTS (lb) Max Ramp Max TO Max Land	WEIGHTS (lb) Zero Fuel OEW Max Pld.	WEIGHTS (lb) Max Fuel Pld. M. Fuel Fuel M. Pld.	TAKEOFF A/S SL ISA 5,000 +20° C VMCA VXSE	CLIMB Rate (fpm) All Eng. Eng. Out	CLIMB ALT. (ft.) All Eng. Eng. Out	LIMITS VNE VA VFE VLO
Commuter Air Transports CATPASS 200-15 $1,327,200	2+13 28 low wing 79.2	43.8 14.5 54.5 39.8	16.9 4.8 4.5 8.5	2 P&W PT6A-41 850 shp ea. 6.5	12,590 12,500 12,500	11,000 8,174 2,785	3,645 730 1,590	4,475* 6,150* 91 121	2,448 738	32,785 19,143	260 180 200 182
Beech 1300 Airliner BE-1300 $2,547,000	2+13 30.0 low wing 79.2	43.8 14.7 54.5 39.8	16.3 4.8 4.5 8.5	2 P&W PT6A-42 850 shp ea. 6.5	12,590 12,500 12,500	11,000 8,300 2,700	3,645 645 1,590	3,750 5,050 94 121	2,400 500	25,000 16,700	260 180 199 180
Fairchild Metro III SA-227-AC $3,533,403	2+19 30.0 low wing 74.8	59.4 16.7 57.0 38.5	25.4 4.8 5.2 9.7	2 AR TPE331-11U 1,100 shp ea* 7.0	14,600 14,500 14,000	13,900 9,250 4,650	4,342 1,008 700	3,850 5,100 91 114	2,370 740	26,700 14,500	248 175 215 175
Beech 1900 BE-1900 $3,628,500	2+19 30.0 low wing 77.4	57.9 14.9 54.5 39.3	23.2 4.8 4.5 9.6	2 P&W PT6A-65B 1,100 shp ea. 4.8	16,710 16,600 16,100	14,000 9,850 4,150	4,469 2,391 2,710	3,800 5,450 97 120	2,330 490	25,000 13,000	250 190 170 182
Fairchild Metro III (Heavy) SA-227-AC (H) $3,653,403	2+19 30.0 low wing 74.8	59.4 16.7 57.0 38.5	25.4 4.8 5.2 9.7	2 AR TPE331-11U 1,000 shp ea.* 7.0	16,100 16,000 15,500	13,900 9,340 4,560	4,342 2,418 2,200	4,650 5,300** 91 119	2,300 550	23,800 11,000	248 185 215 175
British Aerospace Jetstream 31 BAe-3101 $3,750,000*	2+19 32.0 low wing 79.7/86.4	47.2 17.5 52.0 41.1	24.3 5.9 6.1 7.7	2 AR TPE331-10 940 shp ea. 5.5	15,322 15,212 14,660	13,889 9,590 4,299	3,042 2,690 1,433	4,600 4,600** 92 114	2,080 390	25,000 12,000	223 176 177 168
British Aerospace Jetstream Super 31 BAe-3201 $3,900,000*	2+19 32.0 low wing 81.0/87.0	47.2 17.5 52.0 41.1	24.3 5.9 6.1 7.7	2 AR TPE331-12 1,020 shp ea. 5.5	16,314 16,204 15,609	14,330 10,041 4,289	3,250 3,023 1,984	4,700 5,750** 99 120	2,080 NA	25,000 12,000	250 180 170 160
Embraer Brasilia EMB-120 $6,500,340	3+30 31.0 low wing 71.0/82.0	65.1 20.8 64.9 51.7	30.8 5.8 6.9 7.5	2 P&W PW-118A 1,800 shp ea. 7.0	25,529 25,353 24,802	23,148 15,939 7,209	5,732 3,858 2,381	4,659 6,325 91 136	2,120 675	29,800 17,200	269 185 200 200
Saab-Scania AB 340B $7,525,000	3+35 30.0 low wing 77.0/84.0	64.8 22.6 70.3 52.0	34.1 6.0 7.1 6.9	2 GE CT7-9B 1,750 shp ea. 7.0	28,800 28,500 28,000	26,000 17,715 8,285	5,690 5,395 2,800	4,200 6,850 98 133	1,710 510	25,000 11,700	250 180 175 200
Boeing DHC Div. Dash 8-100 $7,875,000*	3+37 31.0 hi wing 80.8/94.8	73.0 24.6 85.0 59.3	30.1 6.4 8.1 9.94	2 P&W PW-120A 2,000 shp ea. 5.5	34,700 34,500 33,900	31,000 22,100 8,900	5,678 6,922 3,700	3,150 3,950** 74 115	1,560 450	25,000 14,500	NA 165 148 158

COMMUTER AIRPLANES

CRUISE TAS / FF / FL	B/CA PRODUCTIVITY FACTORS — 150 sm MISSION: Stages Fueling / No. Pass. / Eng. Hrs. / Total Fuel	150 sm MISSION: Total Trips / Seat Miles / SM/hr / SM/lb	150 sm MISSION: BS / MF / FL	275 sm MISSION: Stages Fueling / No. Pass. / Eng. Hrs. / Total Fuel	275 sm MISSION: Total Trips / Seat Miles / SM/hr / SM/lb	275 sm MISSION: BS / MF / FL	400 sm MISSION: Stages Fueling / No. Pass. / Eng. Hrs. / Total Fuel	400 sm MISSION: Total Trips / Seat Miles / SM/hr / SM/lb	400 sm MISSION: BS / MF / FL	NOTES Certification Basis / Remarks
272 596 240	2 13 8.43 5,295	12 23,400 2,776 4.42	185 441 160	1 13 9.97 5,896	9 32,175 3,226 5.46	216 655 230	1 13 10.52 6,150	7 36,400 3,459 5.92	232 879 240	FAR 23, Appendix A, 1967 Baggage pod std. Wing lockers optional. *Zero flaps.
268 646 240	1 13 7.88 5,302	11 21,450 2,721 4.05	181 482 160	1 13 9.07 5,872	8 28,600 3,154 4.87	211 734 230	1 13 10.85 6,825	7 36,400 3,355 5.33	225 975 240	FAR 23,1973/80 Baggage pod std.
270 675 160	1 19 9.25 5,922	12 34,200 4,145 5.78	189 493 100	1 19 8.90 6,055	8 41,800 4,695 6.90	215 757 130	1 18 10.80 7,053	7 50,400 4,667 7.15	226 1,008 160	CAR 3,1965 SFAR 41(B), 1981 *Wet. Cargo door std.
248 614 240	3 19 9.10 7,644	13 37,050 4,071 4.85	186 588 140	2 19 10.50 7,947	9 47,025 4,479 5.92	205 883 220	2 19 11.32 8,099	7 53,200 4,701 6.57	215 1,157 240	FAR 23, 1965 SFAR 41(C) 1983 Cargo door std. *Wet wing
270 675 160	4 19 8.91 6,395	13 37,050 4,151 5.79	190 492 100	2 19 9.99 7,039	9 47,025 4,706 6.68	215 782 120	2 19 10.77 7,105	7 53,200 4,939 7.49	226 1,015 160	CAR 3,1965 SFAR 41(B), 1981 *Wet **WAT ltd. to 14,500 lbs.
238 548 230	1 19 8.13 5,065	11 31,350 3,856 6.19	176 460 170	1 19 9.56 5,710	8 41,800 4,371 7.32	200 714 210	1 19 10.04 5,755	6 45,600 4,540 7.92	208 959 230	SFAR 41, 1982 *B/CA estimate. **WAT ltd. to 12,750 lbs.
240 571 230	3 19 8.78 5,543	12 34,200 3,897 6.17	178 462 170	2 19 10.56 6,466	9 47,025 4,452 7.27	204 718 210	1 19 10.03 5,825	6 45,600 4,549 7.83	208 971 230	FAR 23 Commuter rule. *B/CA estimate. **WAT ltd. to 15,150 lbs.
296 944 250	3 30 9.32 8,632	13 58,500 6,279 6.78	181 664 200	2 30 10.05 9,756	9 74,250 7,388 7.61	214 1,084 250	1 30 10.85 10,563	7 84,000 7,742 7.95	225 1,509 250	FAR 25,1985
269 876 240	4 35 9.26 8,219	13 68,250 7,369 8.30	182 632 190	3 35 10.38 8,733	9 86,625 8,343 9.92	207 970 240	2 35 10.96 9,299	7 98,000 8,940 10.54	222 1,328 240	JAR/FAR 25 pending.
262 985 240	4 37 9.11 11,020	13 72,150 7,922 6.55	186 848 130	3 37 10.07 11,601	9 91,575 9,090 7.89	214 1,289 200	2 37 10.82 11,679	7 103,600 9,577 8.87	225 1,668 240	FAR 25,1984 *B/CA estimate. **WAT limited to 32,300 lbs., flaps 15.

COMMUTER AIRPLANES

MANUFACTURER MODEL B/CA EQPD. PRICE	CHARACTERISTICS Seating Seat Pitch Wing Noise	DIMENSIONS (ft) External Length Height Span Turn Radius	DIMENSIONS (ft) Internal Length Height Width Bag. Vol/Pass.	POWER Engine Pwr. Output PSI	WEIGHTS (lb) Max Ramp Max TO Max Land	WEIGHTS (lb) Zero Fuel OEW Max Pld.	WEIGHTS (lb) Max Fuel Pld. M. Fuel Fuel M. Pld.	TAKEOFF A/S SL ISA 5,000 +20° C VMCA VXSE	CLIMB Rate (fpm) All Eng. Eng. Out	CLIMB ALT. (ft.) All Eng. Eng. Out	LIMITS VNE VA VFE VLO
Casa/Nurtanio CN-235 $8,700,000*	3+44 30.0 hi wing 84.0/87.0	70.0 28.9 84.7 62.2	32.7 6.2 8.9 5.6	2 GE CT7-9C 1,750 shp ea. 3.6	31,857 31,746 31,305	29,983 20,725 9,258	9,213 1,919 1,874	4,380 7,000 87 105	1,527 494	25,000 15,300	240 160 150 150
Aerospatiale/ Aeritalia ATR 42-300 $9,000,000	3+50 30.0 hi wing 84.5/94.0	74.4 24.9 80.6 56.0	31.4 6.3 8.4 7.4	2 P&W PW-120 1,800 shp ea. 6.0	36,861 36,817 36,155	33,510 22,130 11,380	9,920 4,811 3,351	3,527 4,921* 88 130	1,450 298	25,000 13,500	250 164 160 160
Boeing DHC Div. Dash 8-300 $9,000,000*	3+50 32.0 hi wing 84.3/93.3	84.3 24.6 90.0 65.6	41.3 6.2 8.2 8.22	2 P&W PW-123 2,380 shp ea. 5.5	41,100 41,100 40,000	37,200 25,700 11,500	5,678 9,722 3,900	3,675 4,400** NA NA	1,800 450	25,000 13,500	243 176 160 159
Aerospatiale/ Aeritalia ATR 42-320 $9,100,000	3+50 30.0 hi wing 84.5/94.0	74.4 24.9 80.6 56.0	31.4 6.3 8.4 7.4	2 P&W PW-121 1,900 shp ea. 6.0	36,861 36,817 36,155	33,510 22,130 11,380	9,920 4,811 3,351	3,527 4,921* 88 130	1,430 298	25,000 13,500	250 164 160 160
Fokker B.V. Fokker 50 $10,500,000*	3+50 32.0 hi wing 81.0/96.7	82.8 27.8 95.2 59.3	52.4 6.4 8.2 7.7	2 P&W PW-124 2,500 shp ea. 5.47	45,900 45,900 43,500	41,000 28,000 13,000	9,090 8,810 4,900	4,430 7,220 91 136	2,120 NA	29,800 12,000	269 185 200 200
Aeritalia/ Aerospatiale ATR 72 $11,000,000	4+66 31 hi wing NA	89.1 25.1 88.8 63.0	63.0 6.3 8.4 6.1	2 P&W PW-124 2,400 shp ea. 6.0	47,466 47,400 47,047	43,430 25,947 17,483	11,025 10,494 4,036	3,500 6,577* 90 138	1,500 NA	25,000 11,500	250 172 170 170
British Aerospace Adv. Turboprop ATP $11,500,000*	4+64 31.0 low wing NA	85.3 23.4 100.5 79.9	63.0 6.3 8.1	2 P&W PW-126A 2,368 shp ea. 5.5	50,700 50,550 49,050	46,800 31,595 15,205	7,905 11,200 3,900	4,700 6,250 92 114	2,080 390	25,000 12,000	223 176 177 168
British Aerospace 146-100 $18,000,000*	4+82 33.0 hi wing 73.1/86.3	85.8 28.3 86.4 37.8	50.6 6.7 11.2 7.4	4 Avco ALF 502R-5 6,970 lbs ea. 6.5	84,500 84,000 77,500	68,500 49,000 19,500	20,640 14,860 16,000	3,790 6,730 91 185	2,900 NA	31,000 21,500	300 205 210 205
British Aerospace 146-200 $19,000,000*	4+100 33.0 hi wing 76.5/86.6	93.8 28.3 86.4 41.2	58.4 6.7 11.1 7.2	4 Avco ALF 502R-5 6,970 lbs ea. 6.5	93,500 93,000 81,000	73,500 50,500 23,700	20,640 21,560 18,500	4,530 10,130 89 193	2,600 NA	31,000 17,000	295 220 205 205
British Aerospace 146-300 $20,000,000*	5+103 31.0 hi wing 85.7/92.4	101.7 28.2 86.4 45.8	66.2 6.7 11.2 9.7	4 Avco ALF 502R-5 6,970 lbs ea. 6.5	98,000 97,500 84,500	78,500 53,951 24,549	20,640 23,409 19,500	6,000 12,000 NA NA	NA NA	31,000 NA	295 235 210 205
Fokker B.V. Fokker 100 $21,000,000*	5+107 32.0 low wing 81.8/93.0	116.6 27.9 92.1 48.0	69.5 6.6 10.2 8.4	2 RR TAY 15,100 lbs ea. 7.45	98,500 98,000 88,000	81,000 55,000 26,000	23,080 20,420 17,500	6,200 10,000 91 136	2,120 NA	29,800 13,000	269 185 200 200

COMMUTER AIRPLANES

	CRUISE	B/CA PRODUCTIVITY FACTORS									NOTES
	TAS FF FL	150 sm MISSION			275 sm MISSION			400 sm MISSION			Certification Basis Remarks
		Stages Fueling No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	Stages Fueling No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	Stages Fueling No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	
	242 1,072 180	1 44 8.79 8,779	11 72,600 8,261 8.27	163 798 125	1 42 10.17 10,308	8 92,400 9,085 8.96	188 1,289 150	1 41 10.62 10,238	6 98,400 9,264 9.61	197 1,706 180	FAR 25, 1986 *B/CA estimate.
	269.9 935 250	4 50 8.86 9,679	13 97,500 10,999 10.07	191 745 150	3 50 9.97 10,346	9 123,750 12,418 11.96	216 1,150 200	2 50 10.73 10,302	7 140,000 13,044 13.59	227 1,472 250	JAR/FAR 25,1985 *WAT limited to 36,155 lbs.
	271 1,116 250	3 50 8.74 12,424	13 97,500 11,158 7.85	193 956 160	2 50 9.64 12,744	9 123,750 12,835 9.71	223 1,416 220	2 50 10.59 12,730	7 140,000 13,222 11.00	230 1,819 250	FAR 25, 1989 *B/CA estimate. **WAT Ltd. to 38,000 lbs., flaps 15.
	274.4 966 250	4 50 8.82 9,623	13 97,500 11,052 10.13	192 740 150	3 50 9.94 10,361	9 123,750 12,452 11.94	216 1,151 200	2 50 10.68 10,359	7 140,000 13,104 13.51	228 1,480 250	JAR/FAR 25, 1985 *WAT ltd. to 36,155 lbs.
	276 1,273 210	5 50 10.27 12,616	15 112,500 10,957 8.92	190 841 180	5 50 11.64 14,199	11 151,250 12,996 10.65	226 1,291 220	3 50 10.25 12,720	7 140,000 13,657 11.01	238 1,817 120	JAR/FAR 25, 1987 *B/CA estimate.
	262.4 1,133 250	7 66 10.89 14,086	16 158,400 14,551 11.25	191 880 150	4 66 10.03 12,664	9 163,350 16,294 12.90	215 1,407 200	3 66 11.35 15,003	8 211,200 18,607 14.08	245 1,875 250	JAR/FAR 25 pending *WAT ltd. to 45,415 lbs. All data preliminary.
	262 1,431 180	3 64 8.68 11,952	12 115,200 13,273 9.64	180 996 120	3 64 10.21 14,105	9 158,400 15,509 11.23	211 1,567 170	2 64 11.00 15,039	7 179,200 16,293 11.92	221 2,148 180	JAR 25, 1988 *B/CA estimate.
	421 4,730 250	3 82 9.25 38,564	16 196,800 21,266 5.10	225 2,410 140	3 82 10.38 47,956	12 270,600 26,070 5.64	276 3,996 210	3 82 9.59 43,266	9 295,200 30,784 6.82	327 4,807 250	FAR 25,1983 *B/CA estimate.
	421 5,311 250	2 100 8.78 36,699	15 225,000 25,632 6.13	222 2,447 140	4 100 10.27 47,245	12 330,000 32,126 5.98	279 3,937 210	3 100 9.74 47,063	9 360,000 38,964 7.65	322 5,229 250	FAR 25,1983 *B/CA estimate.
	432 5,838 250	2 103 8.81 38,598	15 231,750 26,303 6.00	221 2,573 150	4 103 10.32 48,647	12 339,900 32,936 6.99	278 4,054 200	3 103 9.95 49,391	9 370,800 37,282 7.51	315 5,488 250	FAR 25, 1983 *B/CA estimate.
	434 4,310 350	3 107 9.33 40,477	17 272,850 29,250 6.74	237 2,381 180	4 107 10.32 46,380	13 382,525 37,064 8.25	301 3,568 270	4 107 10.39 44,888	10 428,000 41,175 9.53	335 4,489 350	JAR/FAR 25,1987 *B/CA estimate.

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Certification: February 14, 1989.
First Customer Delivery: February 27, 1989 to Time Air.
Inaugural Passenger Service: March 30, 1989
Orders to date: 86

Since its introduction, Dash 8 has set bold new standards for regional airliner comfort, reliability, and cost-efficient operation – boosting passenger loyalty (and operator profitability) to new heights.

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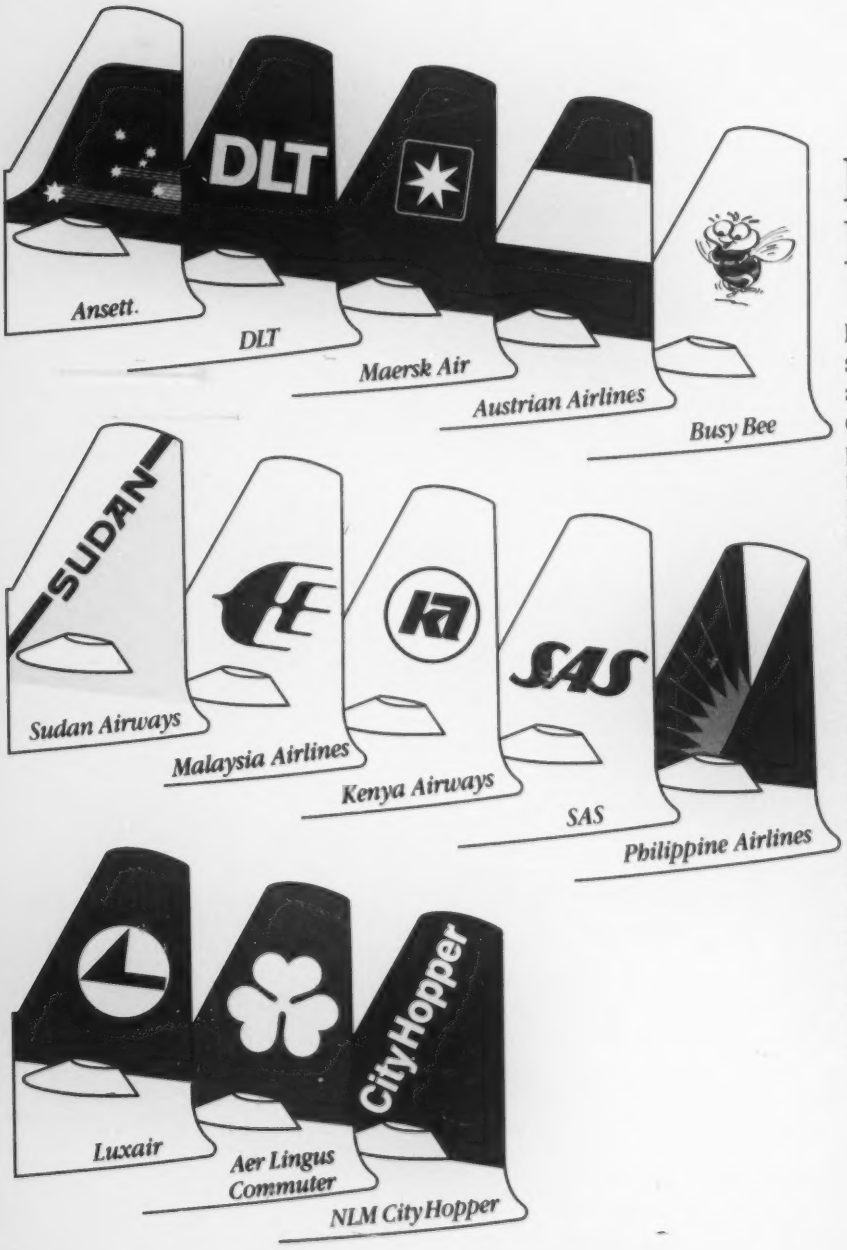

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Fokker Aircraft, Melbourne, Australia

Projection and Review

Projections

Frederick Dibble - Saab Aircraft of America, Inc.

Introduction

In the eleven years that have passed since the deregulation of the U.S. airline industry numerous changes have taken place in the structure of the regional airline industry. Through mergers, acquisitions, and consolidation, what was once a group of small independent airlines run by entrepreneurs has turned into a major sector of our air transportation system. During this past year the mega-regionals, through their alliances with or out-right purchase by the major airlines, continue to consolidate their position within the industry. By concentrating on operations feeding hub cities they have become strategically integrated into the overall goals of the major airlines. This increasing degree of alignment has produced continued growth in passenger enplanements and revenue passenger miles. In 1988 enplanements were up just over 11% and RPMs were up almost 21%, maintaining the pattern of strong growth that the regionals have experienced since 1978.

Passenger Traffic Trends and Forecast

The steady growth in U.S. air travel and the financial implications of small shifts in market share have caused the major airlines to examine every avenue of attracting and keeping passengers within their system. This has led to the regionals being positioned in the marketplace by the major airlines in a totally integrated or transparent manner. In accepting the role of a local service extension, the regionals have been able to utilize the tremendous resources of the majors in planning, operations and yield management. Access to this level of sophistication has given many of the regionals the ability to undertake the acquisition and operation of new, larger, more advanced aircraft. This has, in turn, aided the public acceptance of the role of the regional airline in the air transportation system and hence, the industry growth. Over the last 10 years regional passenger enplanements have grown at an average annual rate of 11.9% while the U.S. domestic system as a whole has grown at about 5.5%.

The overall demand for air travel in the U.S. domestic system is expected to grow from 4.5 - 5.5% annually through the next 10 years. The regional airlines will build on this growth with passenger enplanements approaching 80 million in 1999 (Fig. 1). This implies an average annual growth rate for the 10 year period of between 8.0 and 9.0%. Revenue passenger miles will grow concurrently to exceed 14 billion in 1999. The average passenger trip length increased in the recent past as larger, faster aircraft were integrated into the regional airlines fleet. The typical passenger trip was 173 statute miles in 1988. An analysis of the scheduled short-range available seat miles (Fig. 2) shows that 80% of the turboprop ASMs scheduled were for trips under 250 statute miles. This will continue to be the case for the next 4 or 5 years until the availability of higher speed aircraft allows the regional airlines significant penetration of the 250-500 mile markets.

Fleet Composition and Development

Changes in the U.S. regional airline fleet since 1978 have been significant. In 1978 64% of the active fleet was under 10 seats. These aircraft accounted for 22% of industry RPMs. In 1988 they comprised 30% of the fleet and flew only 9% of RPM's. In the last 10 years the airlines have bought record numbers of aircraft. The age distribution of the U.S. regional fleet shows the large number of aircraft acquired to meet the passenger traffic demand since deregulation (Fig. 3). Over half of the turboprop aircraft operated in the United States in 1988 were less than 5 years old.

The requirement for new aircraft will continue as the regionals expand their markets. Currently, the majority of the fleet is comprised of 10-19 seat turboprops. Over the next 10 years the fleet will continue its growth, both in the number of active aircraft and in average seating capacity (Fig.4). The aircraft in the 20-39 seat class will see the strongest demand. These aircraft, most of which first became available to the airlines in the 1984-85 time frame, will form the backbone of the fleet in the 1990's. This group allows the operators to provide full cabin service and amenities while maintaining the service frequency levels required in many markets. By 1999 the 20-39 seat turboprops are expected to comprise 36% of the aircraft in the fleet and 43% of the available seats.

Summary

The impetus given to the development of the regional airlines by deregulation has provided the opportunity for significant traffic growth. The expansion of this vital segment of the airline industry will continue through the nineties as the final phases of its consolidation and integration into the U.S. domestic airline structure take place.

U.S. Regional Airline Traffic Forecast

Passengers and Revenue Passenger Miles 1988 to 1999

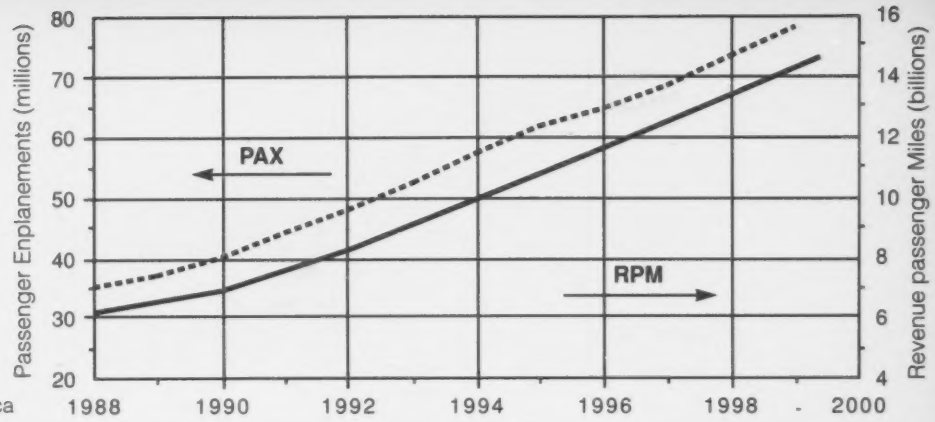


Figure 1
Source: Saab Aircraft of America

U.S. Short Range Available Seat Mile Composition

Analysis of OAG Data for September 1988

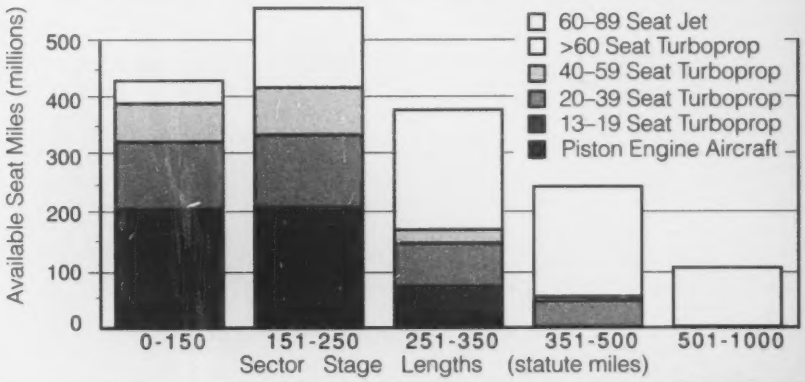


Figure 2
Source: Saab analysis of OAG data

U.S. Turboprop Fleet Age Distribution

Aircraft in Scheduled Passenger Service at Year End 1988

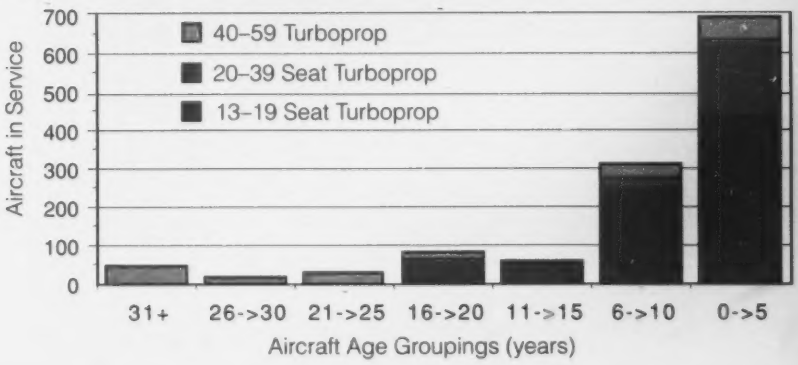
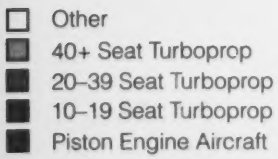


Figure 3
Source: Saab Aircraft of America

U.S. Regional Aircraft Fleet Projection

1989 Through 1999



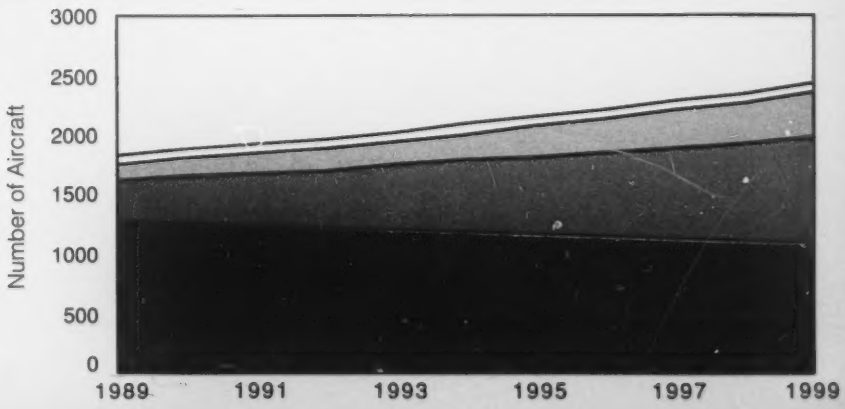
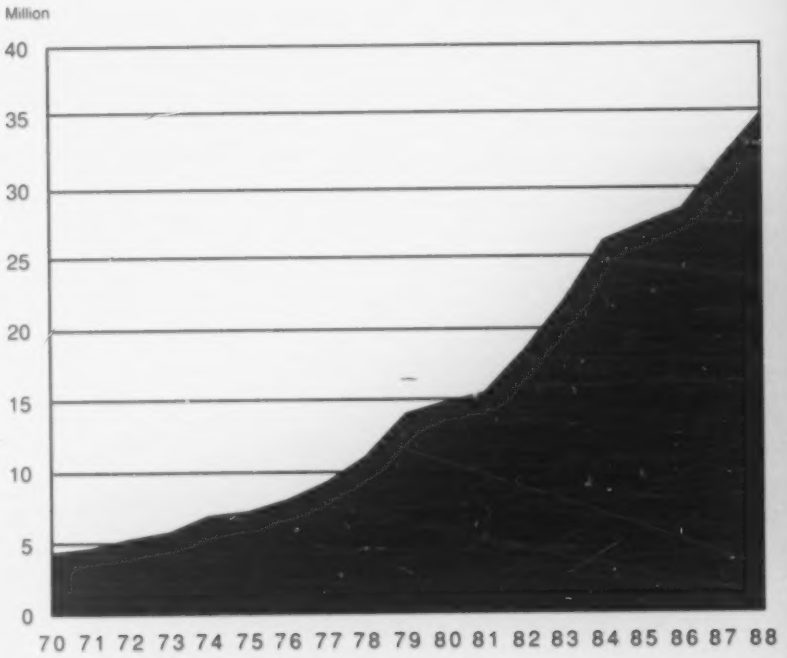


Figure 4
Source: Saab Aircraft of America

Regional Passenger Traffic, 1970–1988

Year	Passengers Enplaned
1970	4,270,000
1971	4,698,000
1972	5,262,000
1973	5,688,000
1974	6,842,000
1975	7,243,000
1976	7,914,000
1977	9,185,000
1978	11,026,000
1979	13,972,000
1980	14,810,000
1981	15,400,000
1982	18,550,000
1983	21,820,000
1984	26,140,000
1985	26,000,000
1986	28,360,000
1987	31,787,539
1988	35,188,223

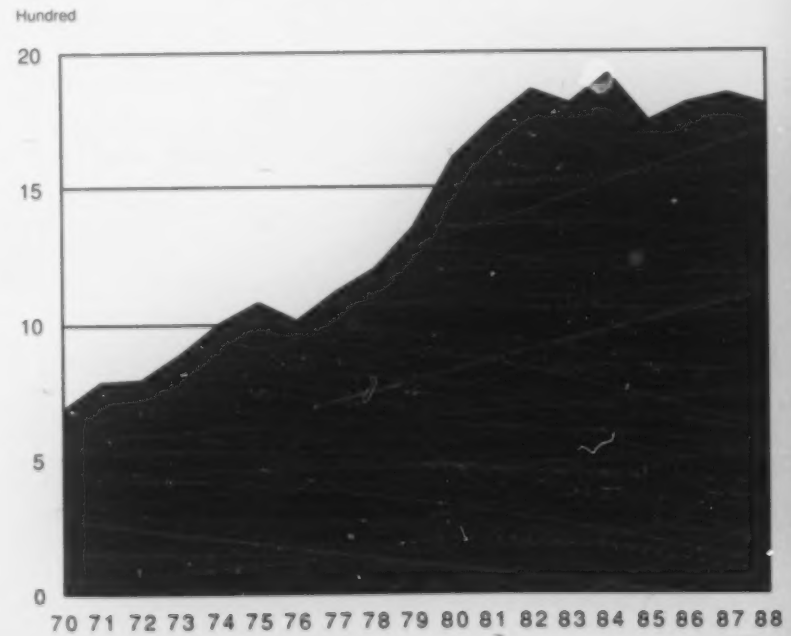
Source: Regional Airline Association



Passenger Aircraft Operated, 1970–1988

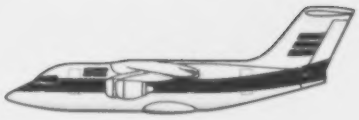
Year[1]	Aircraft In Service	Percent Annual Change
1970	687	—
1971	782	14%
1972	791	1%
1973	885	12%
1974	997	13%
1975	1073	8%
1976	1009	−6%
1977	1119	11%
1978	1047	−6%
1979	1265	21%
1980[2]	1339	6%
1981[2]	1463	8%
1982[2]	1573	8%
1983[2]	1545	−2%
1984[2]	1747	13%
1985	1745	—
1986	1806	3%
1987	1841	2%
1988	1801	−2%

Source: Regional Airline Association
[1]CAB Commuter Air Carrier Traffic Statistics F.Y. 1970–1979
[2]RAA Annual Survey of all U.S. Commuter and Regional Airlines

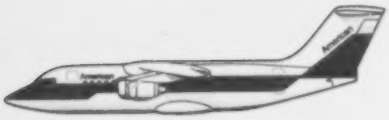


USAIR

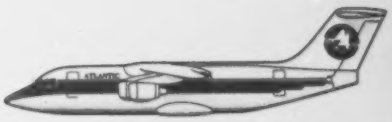
Ansett WA



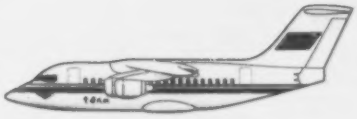
Aspen



American

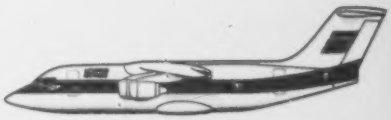


Atlantic Airways



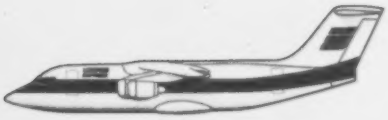
CAAC

TNT

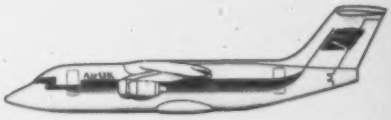


Presidential

Dan-Air London

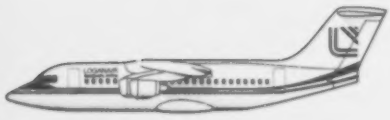


West Air

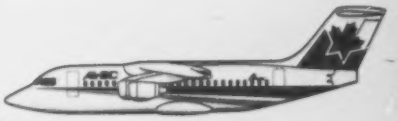


Air UK

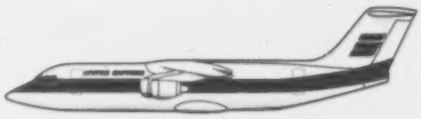
Manx Airlines



Loganair



Air BC



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SAAB

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Ace Air Cargo Express, Inc. (CG) (C)
P. O. Box 35228, Cleveland, OH 44135-0228
(216) 234-6556, Fax: (216) 362-1908
Marilyn Krach, President; Clarence Krach, General Manager/ Director-Operations; Jeff Noyes, Chief Pilot
Equipment: Cargo only: 6 Beech 18's, 2 Piper Aztecs

Action Airlines (XQ) (P)
Groton-New London Airport, Groton, CT 06340
(203) 448-1646
John A. Rutledge, President; Virginia Rutledge, Secretary; John Bailey, Vice President; John Gallichon, Vice President
Equipment: 2 Piper Cherokee Sixes, 2 Piper Senecas, 2 Piper Navajos

Aero Coach Aviation International, Inc. (DF) (P)
P. O. Box 21604, Ft. Lauderdale, FL 33335
(305) 359-1591, Fax: (305) 359-3080
Thomas P. Cartier, President; Heather Cartier, Vice President/ Corporate Secretary; F. R. Knight, Senior. V.P.-Administration; Ray Bartel, Director-Maintenance; Robert Feldman, Director-Corporate Affairs; Barbara Wilks, Director-Interline Accounting
Equipment: 27 Cessna 402's

Aero Virgin Islands Corp. (QY) (P)
P. O. Box 546, St. Thomas, USVI 00801
(809) 776-8161
Reuben H. Wheatley, President; Cleophas Hodge, Director-Operations; Melvin Sprauve, Director-Maintenance; Maria Swan, Controller
Equipment: 5 Douglas DC-3's

Air Cargo America, Inc. (ZI) (C,M)
Box 52-3537, Building 1008, Miami Int'l Airport, Miami, FL 33152
(305) 871-2794
Mark Von Mandel, President
Equipment: Cargo only: 3 Beech 18's, 1 Douglas DC-3, 1 Piper Cherokee Six

Air Caribe International, Inc. (ZE) (P,C)
Luis Munoz Marin Int'l Airport, San Juan, PR 00913
(809) 791-6610, Fax: (809) 791-0212
Edward Russell, Owner; H. D. Fredrick, President; Hector Nazario, Director-Operations; Adalberto Agosto, Director-Maintenance; Rafael Buono, Chief Pilot
Equipment: 4 Piper Navajos

Air Exchange, Inc. (BS) (C,M)
8008 Cedar Springs, Gate 38, Love Field, Dallas, TX 75235
(214) 358-3178
David Auclair, Chairman; Van Canfield, Director-Operations
Equipment: Cargo only: 14 Beech Barons, 6 Beech Bonanzas, 2 Cessna 401's, 1 Cessna 402

Air Grand Canyon-Yosemite (P)
4511 Empire Avenue, Hangar 5 East, Burbank, CA 91505
(818) 845-0760, Fax: (818) 845-0760
Keisuke Sazuki, President; Daniel F. Reid, Director-Operations; Bradley A. Babic, Director-Maintenance
Equipment: 3 Cessna 402's, 2 Douglas DC-3's, 1 Piper Navajo
Note: Carrier to begin scheduled operations during 1989.

Air Kentucky Airlines, Inc. (US*) (P)
(dba USAir Express)
2421 Production Drive, Indianapolis, IN 46241
(317) 247-4700, Fax: (317) 247-0138
Mickey Bowman, President; John Weible, V.P.-Finance/Controller; Bill Daugherty, Director-Maintenance; Michael Chambers, Director-Operations; Steve Williamson, Director-Stations; David Bangs, Chief Pilot
Equipment: 4 Fairchild Metros, 4 Beech 99's

Air L.A. (UE) (P)
6151 West Century Boulevard, Suite 1114, Los Angeles, CA 90045
(213) 641-1114, Fax: (213) 641-2344
Wayne Schoenfield, President/CEO; William Wolf, V.P.-Marketing; Kenneth Dickey, V.P.-Finance; Ronald Butts, Director-Operations; William Williams, Director-Maintenance
Equipment: 2 British Aerospace Jetstream 31's, 2 Catpass 200's

Air Midwest, Inc. (BN*/ TW*) (P,C,M)
(dba Braniff Express/Trans World Express)
P. O. Box 7724, Wichita, KS 67277
(316) 942-8137, Fax: (316) 945-0947
Robert L. Priddy, President/CEO; John S. Myers, Senior V.P.-Finance/CFO; John Walters, Senior V.P./COO; Dick Paquette, Staff V.P.-Flight Operations; Robert Dynan, V.P.-Braniff Express Operations; Fred Oxley, V.P.-Trans World Express Operations; Donna M. Schmidt, General Counsel
Equipment: 34 Fairchild Metros, 7 Saab 340's, 7 Embraer Brasilias

Air Molokai, Ltd. (3R) (P)
99 Kapalulu Place, Honolulu, HI 96819
(808) 831-2050, Fax: (808) 831-2015
Ray L. Tilghman, President; Suzanne Garcia, Executive V.P./ General Manager; Leo Flaherty, Director-Operations; Bud Madsuda, Director-Maintenance; Bob Williams, Chief Pilot
Equipment: 9 Cessna 402's

Air Nevada Airlines, Inc. (LW) (P)
P. O. Box 11105, Las Vegas, NV 89111
(702) 736-2702, Fax: (702) 795-8116
Myron L. Caplan, President; Lewis A. Kaplan, Senior V.P.-Operations; Brenda L. Caplan, V.P.-Marketing; Bruce Thomsen, V.P.-Finance; Scott Davidson, Director-Maintenance; James McMillan, V.P.-Flight Operations
Equipment: 10 Cessna 402's, 3 Cessna 207's

Air Resorts Airlines (UZ)
2192 Palomar Airport Road, Carlsbad, CA 92008
(619) 438-3600, Fax: (619) 431-0838
Ted Vallas, Chairman; Robert Brandt, President; Joe Morgan, Sr., V.P.-Operations; James Biggie, Director-Maintenance; Patricia Miller, V.P.-Finance; Irene Caligiuri, Director-Interline
Equipment: 6 Convair 440's, 3 Convair 580's, Cargo only: 1 Convair 440
Note: Carrier does not provide scheduled air service.

Air Ruidoso, Ltd. (2R) (P,C)
P. O. Drawer 1279, Ruidoso, NM 88345
(505) 258-4900
Helen McCoy, President; Dennis McCoy, Vice President; George Matz, Director-Operations; Theoh Juliusson, Director-Maintenance
Equipment: 2 Piper Navajos

Air Sedona (UJ) (P,C,M)
1225 Airport Road, #3, Sedona, AZ 86336
(602) 282-7935
Jack E. Seeley, President; Judith A. Seeley, Secretary/Treasurer
Equipment: 1 Cessna 172, 1 Cessna 183

Air Sunshine, Inc. (YI) (P)
P. O. Box 22237, Ft. Lauderdale, FL 33335-2237
(305) 434-8900
Alan Adili, President; Mohammad Adili, Secretary/Treasurer/ General Manager
Equipment: 4 Cessna 402's

Air Tour Acquisition Corp.
(dba Panorama Air)

Air Wisconsin (UA*) (P,C,M)
(dba United Express)
Outagamie Airport, Appleton, WI 54915
(414) 739-5123, Fax: (414) 739-9722
Preston H. Wilbourne, President/CEO; William Andres, Executive V.P./COO; William Geenen, V.P.-Finance/Treasurer; Kathy Comins, Vice President/Secretary; Jack Mason, V.P.-Marketing; John McBryan, V.P.-Maintenance; Steve Leonard, V.P.-Flight Operations; Watson Whiteside, V.P.-Public Affairs; Donald Cavaiani, Acting V.P.-Information Systems
Equipment: 14 Fokker F-27's, 10 British Aerospace 146's, 6 Shorts 360's

Aircape, Inc.
(dba Nantucket Airlines)

Airpac Airlines, Inc. (RI) (C)
7277 Perimeter Road South, Seattle, WA 98146
(206) 762-8006
Greg Thompson, President; Mike Campanello, Chief Pilot; Dan Eveleth, Operations Manager
Equipment: Cargo only: 6 Piper Senecas, 4 Piper Navajos, 3 Cessna 404's, 1 Beech 99, 1 Cessna 206

Airplanes, Inc.
(dba Cal-West Airlines)

Airways International, Inc. (4A) (P,C)
474 Hunting Lodge Drive, Miami Springs, FL 33166
(305) 887-2794, Fax: (305) 871-6522
Izad Djahanshahi, President/General Manager; Therese Djahanshahi, Secretary/Treasurer; W. C. Dukes, Director-Operations; Mohamad Alishahi, Director-Maintenance; Tracy Pendleton, Director-Marketing
Equipment: 9 Cessna 402's

Alaska Airlines Commuter
See individual listings for:
Bering Air, Inc.
ERA Aviation, Inc.
Horizon Air Industries, Inc.
L.A.B. Flying Service, Inc.
San Juan Airlines, Inc.
Temsco Airlines, Inc.

Alaska Island Air, Inc. (6D) (P,C,M)
P. O. Box 508, Petersburg, AK 99833
(907) 772-3130
Lloyd Roundtree, President; Dane Roundtree, Vice President; Irene Roundtree, Secretary/Treasurer
Equipment: 2 Cessna 180's, 1 deHavilland Beaver

Alaska Juneau Aeronautics, Inc.
(dba Wings of Alaska Airlines)

Allegheny Commuter
See USAir Express

Alliance Airlines, Inc. (3A) (P)
9420 West 52nd Street, Kenosha, WI 53142
(414) 658-1300
James Beardsley, President; Ken Krantz, CFO; Carolyne Beardsley, Secretary; John Miller, Director-Maintenance; Larry Dube, Director-Operations
Equipment: 2 Cessna 404's, 1 Cessna 402

Aloha IslandAir, Inc. (WP/AQ*) (P,C)
(Subsidiary-Aloha Air Group, Inc.)
Commuter Terminal, Honolulu Int'l Airport, Honolulu, HI 96819
(808) 836-7693, Fax: (808) 833-5498
Maurice Myers, President; Peter Dudgeon, Vice President/General Manager; J. I. Williamson, Vice President-Development; Fook Ki Lau, Director-Maintenance; Riley Dickey, Director-Operations
Equipment: 6 deHavilland Twin Otters

Alpha Air, Inc. (7V) (P)
6661 West Imperial Highway, Los Angeles, CA 90045
(213) 322-9882, Fax: (213) 322-8452
Alan Berenstein, President; Anne Berenstein, Secretary; Jim Marshall, Director-Operations; Paul Spahr, Director-Maintenance; Jim Fenske, Chief Pilot
Equipment: 4 Cessna 402's, 2 Beech 1900's

Alpine Aviation, Inc. (5A) (P,C,M)
P. O. Box 691, Provo, UT 84603
(801) 373-1508
Eugene R. Mallette, President; Bill Distefano, Vice President; Max Hansen, Secretary/Treasurer
Equipment: 4 Piper Navajos, Cargo only: 2 Piper Cherokees

American Eagle
See individual listings for:
Chaparral Airlines, Inc.
Command Airways, Inc.
Executive Air Charter, Inc.
Metro Airlines, Inc.
Metroflight, Inc.
Nashville Eagle, Inc.
Simmons Airlines, Inc.
Wings West Airlines, Inc.

American International Resorts, Inc.
(dba Air L.A.)

Ameriflight, Inc. (C,M)
4700 Empire Avenue, Hangar 1, Burbank, CA 91505
(818) 980-5005, Fax: (818) 980-5018
Gary Richards, President; William F. Lepper, Executive V.P.; John W. Hazlet, Jr., Director-Flight Operations; Charles Beaton, Director-Maintenance
Equipment: Cargo only: 38 Piper Navajos, 22 Beech 99's, 17 Piper Lances, 6 Piper Arrows, 5 Piper Aztecs, 5 deHavilland Twin Otters, 4 Learjets, 3 Cessna Caravans, 1 Piper Cheyenne, 1 Beech King Air, 1 Dassault Falcon

Apex Airlines (8M) (P,C)
Rock County Airport, Route 7, Highway 51S, Janesville, WI 53546
(608) 752-1390
Randolph Pilgreen, President; George Isbell, Vice President
Equipment: 1 Piper Navajo

Arctic Circle Air Service, Inc. (5F) (C,M)
P. O. Box 60049, Fairbanks, AK 99706
(907) 474-0112, Fax: (907) 456-5485
Dennis Michel, President/General Manager; Joseph Cochran, Director-Operations; Pat Hogan, Director-Maintenance; Don Singsaas, Chief Pilot
Equipment: Cargo only: 1 Piper Navajo, 1 Cessna 206

Aspen Airways, Inc. (UA*) (P,C,M)
(dba United Express)
3980 Quebec Street, Denver, CO 80207
(303) 320-4747, Fax: (303) 399-3021
D. P. Martin, President; Bruce Strand, Senior V.P.-Customer Service; Arthur Voss, Vice President/General Counsel; Patricia Lee, V.P.-Marketing & Sales; Bryan Bedford, V.P.-Finance; Darrell Richardson, V.P.-Maintenance
Equipment: 11 Convair 580's, 4 British Aerospace 146's

Atlantic Southeast Airlines, Inc. (DL*) (P)
(dba Delta Connection)
1688 Phoenix Parkway, College Park, GA 30349
(404) 996-4562, Fax: (404) 991-0366
George F. Pickett, Jr., President; John W. Beiser, Senior V.P.-Sales/Services; Sam J. Watts, V.P.-Customer Services; T. M. Shanahan, V.P.-Flight Operations; Ronald V. Sapp, V.P.-Finance; James P. Trebes, Assistant V.P.-Engineering; Susan P. Dial, Assistant V.P./Comptroller
Equipment: 25 Embraer Brasilias, 13 Embraer Bandeirantes, 5 deHavilland Dash 7's, 3 Shorts 360's.

Aviation Associates, Inc. (EA*) (P,C)
(Subsidiary-Metro Airlines, Inc.)
(dba Sunaire/Eastern Metro Express)
P. O. Box 1686, Kingshill, St. Croix, USVI 00850
(809) 778-9200, Fax: (809) 778-4620
Glenn O. Pappas, President/COO; Charles M. Billman, V.P.-Operations; Ed Buckley, V.P.-Marketing; Ramon Rodriguez, Director-Maintenance; Alan McGee, Director-Passenger Service; Kathy Stephenson, Director-Personnel; Peggye Kujanpaa, Controller
Equipment: 11 deHavilland Twin Otters

Baker Aviation, Inc. (8B) (P,C,M)
P. O. Box 708, Kotzebue, AK 99752
(907) 442-3108, Fax: (907) 442-2745
Marjorie Baker, President; John Baker, Vice President; Lorraine Westlake, Secretary; Marcia Baker, Treasurer
Equipment: 4 Cessna 207's, 2 Cessna 402's, 1 Cessna 206

Bankair, Inc. (JA) (C,M)
2406 Edmond Highway, West Columbia, SC 29169
(803) 794-7384, Fax: (803) 822-8775
Nettie Dickerson, Owner; Charles Dickerson, President; Johnny Dickerson, Director-Operations; Tom Damour, Director-Maintenance

Airline Directory

Equipment: Cargo only: 5 Mitsubishi MU-2's, 4 Aero Commander 690's, 3 Piper Senecas, 2 Jet Commanders, 1 Piper Cherokee Six

Bar Harbor Airlines, Inc. (CO*/EA*) (P,C)
(Subsidiary-Texas Air Corp.)
(dba Continental/Eastern Express)
138 Maine Avenue, Bangor, ME 04401
(207) 947-6565, Fax: (207) 947-3192
Thomas Barber, President; Richard Rushmore, Executive V.P.; Craig Pereira, V.P.-Maintenance; David Webber, V.P.-Operations; David Hulick, V.P.-Finance; Greg Aretakis, V.P.-Marketing/ Planning
Equipment: 16 Beech 1900's, 15 ATR 42's, 14 Beech 99's, 6 Saab 340's

Barrow Air, Inc. (6Q) (P,C,M)
P. O. Box 943, Barrow, AK 99723
(907) 852-2334, Fax: (907) 852-2338
J. A. Pederson, President; Molly Pederson, Vice President; Harry Kaleak, Vice President; Mike Aamott, Secretary/ Treasurer
Equipment: 3 Cessna 207's

B.A.S. Airlines (GS) (P)
Youngstown Municipal Airport, Youngstown, OH 44501
(216) 856-5030
Leon Syrek, President; Jacoub Basna, Executive V.P.
Equipment: 2 Piper Navajos

Basler Airlines (C,M)
S. J. Wittman Field, Oshkosh, WI 54903
(414) 235-1740, Fax: (414) 235-0381
Warren Basler, President; Patricia Basler, Treasurer; Steve Yantz, Director-Operations/Chief Pilot; Neil Auer, Director-Maintenance
Equipment: Cargo only: 7 Douglas DC-3's, 3 Beech 18's, 2 Convair 440's

Beaver Aviation Services, Inc.
(dba B.A.S. Airlines)

Bellair, Inc. (5B) (P,C,M)
P. O. Box 371, Sitka, AK 99835
(907) 747-8636
Ken Bellows, President/Director-Operations; Dee Hanson, Secretary/Treasurer; Damon Schmidt, Director-Maintenance
Equipment: 1 Cessna 185, 1 deHavilland Beaver

Bemidji Aviation Services, Inc. (CH) (P,C)
P. O. Box 624, Bemidji, MN 56601
(218) 751-1880
Larry A. Diffley, President; Mark E. Shough, Vice President; Barbara Berggren, Executive V.P.; Henri P. Verbrugghen, Director-Operations; C. John Strand, Director-Maintenance
Equipment: 2 Beech Queen Air's, Cargo only: 1 Beech 99, 5 Beech Queen Air's

Bering Air, Inc. (AS*/8E) (P,C,M)
(dba Alaska Airlines Commuter)
P. O. Box 1650, Nome, AK 99762-1650
(907) 443-5422, Fax: (907) 443-5919
James D. Rowe, President/Director-Maintenance; Christine Rowe, Vice President; Richard Stern, General Manager; Al Hadaddadi, Director-Maintenance; Douglas Holee, Chief Pilot
Equipment: 5 Piper Navajos, 4 Cessna 207's, 1 Cessna 206, 1 deHavilland Otter, 1 Cessna 185, Cargo only: 3 Beech 18's

Big Island Air, Inc. (2L) (P)
P. O. Box 1476, Kailua-Kona, HI 96745
(808) 329-0991
Shay Simms, President; Joe Belmont, Vice President/General Manager/Director-Operations; Leonard Hoffman, Director-Maintenance
Equipment: 2 Cessna 402's

Big Sky Transportation Co. (NW*) (P)
(dba Northwest Airlink)
Box 31397, Billings, MT 59107
(406) 245-9449, Fax: (406) 245-9449 Ext. 231
Terry D. Marshall, President/CEO; Gregory J. Peterson, V.P.-Finance/CFO; William L. Schuyler, V.P.-Marketing; David C. Avey, V.P.-Flight Operations; Kevin J. Prophet, V.P.-Maintenance; Craig R. Denney, V.P.-Ground Services; Michael E. Higgason, V.P.-Customer Service
Equipment: 6 Fairchild Metros, 3 British Aerospace Jetstream 31's, 3 Cessna 402's

Blackhawk Airways, Inc. (EP) (C,M)
P. O. Box 744, Rock County Airport, Janesville, WI 53547
(608) 756-1000
Richard Wixom, President/Director-Operations; Kevin Wixom, Director-Maintenance; Jeff Larsen, Chief Pilot
Equipment: Cargo only: 5 Beech 18's, 2 Beech Barons

Borinquen Air (3B) (C)
P. O. Box 37309, Luis Munoz Marin Int'l Airport, Isla Verde, PR 00937-7309
(809) 791-5060
Sixto Diaz Saldana, President/Chief Pilot/ Director-Operations; Sixto Diaz Nieves, V.P.-Operations; Luis A. Diaz Nieves, V.P.-Marketing; Carlo Alers, Director-Maintenance
Equipment: Cargo Only: 2 Douglas DC-3's

BO-S-Aire Airlines, Inc. (CW) (C,M)
5735 Airport Road, Anderson, SC 29624
(803) 224-1676, Fax: (803) 226-1593
Don Haynes, CEO/Director-Maintenance; Bryan Haynes, President; Jake Bowman, Director-Operations; Glen Cowick, Chief Pilot
Equipment: Cargo only: 2 Beech 18's, 2 Jet Commanders, 1 Douglas DC-3

Braniff Express
See individual listings for:
Air Midwest, Inc.
Midcontinent Airlines, Inc.

Britt Airways, Inc. (CO*/RU) (P,C,M)
(Subsidiary-Texas Air Corp.)
(dba Continental Express)
17340 Chanute Road, Houston, TX 77205
(713) 230-6610
John Prendergast, President; Steve Schlachter, Executive V.P.; Connie Lanker, V.P.-Finance/CFO; George Chapman, V.P.-Operations; Bob Brown, V.P.-Maintenance; Tom Allee, V.P.-Marketing/ Planning
Equipment: 12 Embraer Brasilias, 3 Fairchild Metros, 3 Fairchild 227's, 3 ATR 42's

Brockway Air, Inc.
See Metro Airlines Northeast

Business Express, Inc. (DL*) (P, M)
(dba Delta Connection)
355 Riverside Avenue, Westport, CT 06880
(203) 222-1000; FAX: (203) 222-6551
James McManus, President; John O'Brien, V.P.-Operations; Chester Hooper, V.P.-Maintenance; Frank Arciuolo, V.P.-Marketing; James Malski, V.P.-Finance
Equipment: 16 Beech 1900's, 6 Saab 340's, 4 Shorts 360's, 1 Fokker F-27

Cal-West Airlines (P)
81 John Glenn Drive, Concord, CA 94590
(415) 825-3544, Fax: (415) 825-9581
Dean Hanson, Managing Director; Robert Zapalac, Director-Operations; Douglas Grunow, Director-Maintenance
Equipment: 4 Piper Navajos, 4 Cessna 402's

Camai Air (3C) (P,C,M)
P. O. Box 787, Bethel, AK 99559
(907) 543-4040
Joseph C. Angiak, President; John Watts, III, V.P.-Operations; Mark John, Vice President
Equipment: 1 Cessna 206, 1 Piper Cherokee Six, 1 Cessna 172, 1 Cessna 207

Cape Smythe Air Service, Inc. (6C) (P,C,M)
P. O. Box 549, Barrow, AK 99723
(907) 852-8333, Fax (907) 852-8332
Thomas P. Brower, COB/CEO; Grant B. Thompson, Vice President/ General Manager; Dorcas J. Thompson, Treasurer; John R. Kruse, Director-Maintenance/ Secretary; Chuck Marbel, Chief Pilot; Bill Fisher, Director-Operations; Jeff Frier, Comptroller
Equipment: 6 Piper Navajos, 6 Cessna 207's, 2 deHavilland Twin Otters, 2 Cessna 185's, 1 Piper T-1040

Capitol Air Service, Inc. (RX) (P)
Municipal Airport, Manhattan, KS 66502
(913) 539-7623, Fax: (913) 539-1439
William S. Fogerson, President/Director-Operations; Brenda Simons, Secretary; Terry Martin, Director Maintenance; Vaughan Smithwick, Chief Pilot
Equipment: 5 Cessna 402's, 2 Cessna 207's

Catskill Airways, Inc. (KF) (P)
Oneida County Airport, Oriskany, NY 13424
(315) 736-4178, Fax: (315) 736-9809
Stephen C. Low, President/Director-Operations; William Lunn, Director-Marketing; Robert Lazina, Director-Maintenance; Flemming Zachariassen, Chief Pilot
Equipment: 3 Beech 99's

CCAir, Inc. (PI*) (P,C)
(dba Piedmont Commuter)
9401 Arrowpoint Boulevard, Suite 300, Charlotte, NC 28217
(704) 527-7670, Fax: (704) 527-0433
Roy A. Hagerty, President; J. Edward Bacon, V.P.-Sales/Service; Virginia V. Bennett, V.P.-Finance/Administration; Emmett C. Merricks, V.P.-Operations/Maintenance; Richard D. Koldner, Staff V.P.-Cargo; James F. Belzer, Director-Customer Service; Steven M. Burge, Director-Marketing; Donald R. Norton, Director-Flight Operations
Equipment: 15 British Aerospace Jetstream 31's, 13 Shorts 360's, Cargo only: 3 Dornier 228's, 3 Beech 99's, 1 Shorts 330

Chalk's International Airlines, Inc. (BK) (P)
P. O. Box 35010, 1550 SW 43rd Street, Ft. Lauderdale, FL 33304
(305) 524-0333, Fax: (305) 524-0604
S. Paul Allen, General Manager; Claude Austin, Director-Maintenance; Hugh H. Riesdorph, Director-Operations; Chandy Luka, Director-Purchasing; Anita Hertzog, Manager-Interline
Equipment: 4 Grumman Mallards

Channel Flying, Inc. (IH) (P,C,M)
8995 Yandukin Drive, Juneau, AK 99801
(907) 789-3331
Ken Loken, President; Ray Landingham, Vice President; Craig Loken, Secretary/Treasurer
Equipment: 3 deHavilland Beavers, 1 Cessna 180, 1 Cessna 185

Chaparral Airlines, Inc. (AA*/FC) (P,C,M)
(Subsidiary-Metro Airlines, Inc.)
(dba American Eagle)
P. O. Box 206, Abilene, TX 79604
(915) 675-8000, Fax: (915) 675-0943
Clark Stevens, President/COO; R. G. Vick, V.P.-Traffic & Development; James A. Shaw, V.P.-Maintenance; Jerry Cunningham, Controller; Jean Graves, Director-Human Resources; Daon Stephens, Director-Traffic & Sales
Equipment: 14 British Aerospace Jetstream 31's, 5 Grumman G1-C's, 3 CASA 212's

ChartAir, Inc. (5W) (P,C)
Friday Harbor Airport, P. O. Box 2599, Friday Harbor, WA 98250
(206) 378-3133
Chris Marsden, President; Jamie Marsden, Secretary/Treasurer; Chuck Ferrell, Director-Maintenance
Equipment: 3 Cessna 172's, 2 Piper Senecas, 1 Cessna 182, 1 Cessna 207

Chautauqua Airlines (US*) (P,C,M)
(dba USAir Express)
RD 1, Chautauqua County Airport, Jamestown, NY 14701
(716) 664-2400, Fax: (716) 483-0539
E. Joel Hall, President; Gloria B. Hall, Executive V.P.; James Muroski, Director-Maintenance
Equipment: 7 Fairchild Metros, 3 Beech 99's, 2 Saab 340's

Chitina Air Service (P,C,M)
P. O. Box 720, Cordova, AK 99574
(907) 424-3534, Fax: (907) 424-3170
Gary Graham, Owner/General Manger/Director-Operations
Equipment: 5 Cessna 206's, 1 Cessna 207, 1 Cessna 185

Christman Air System (SX) (P,C)
P. O. Box 776, Washington, PA 15301
(412) 225-4000
Walter Christman, President; Jerry Gooden, Vice President; Tim Akey, Director-Maintenance; Jim Corbett, Director-Flight Operations; Thomas Yohe, Chief Pilot
Equipment: 1 Beech 99, 1 Embraer Bandeirante

Clearwater Flying Service, Inc.
(dba Empire Airways)

Coastal Air Transport (DQ) (P,C)
P. O. Box 3985, Christiansted, St. Croix, USVI 00822
(809) 773-6862
Michael W. Foster, President; Julie Thomas, Vice President
Equipment: 1 Cessna 402

Coastal Airlines, Inc.
(dba National Air)

Coastal Airways (PN) (P,C)
1246 Old Olympic Highway, Seattle, WA 98382
(206) 683-4444
Jack Sallee, President/Director-Operations; Andrew Sallee, Vice President; Winnie Sallee, Secretary/Treasurer; Don Pridham, Manager-Maintenance
Equipment: 2 Cessna 402's

Coastal Express International Airways, Inc. (C)
P. O. Box 6920, Ontario Int'l Airport, San Bernadino, CA 92412
(714) 889-2758, Fax: (714) 885-5556
Robert Cocchia, President; William Cocchia, Executive V.P.; Zak Zakikhani, General Manager-Operations; Dean Whistler, Director-Maintenance
Equipment: 7 deHavilland Twin Otters, 6 Piper Navajos, 6 Beech 99's, 3 Piper Senecas, 3 Piper Cherokee Sixes, 1 Piper T-1020

Comair, Inc. (DL*) (P,C)
(dba Delta Connection
P. O. Box 75021, Cincinnati, OH 45275
(606) 525-2550, Fax: (606) 525-3420
Ray Mueller, COB; David Mueller, President/CEO; David Siebenburgen, Executive V.P./COO/CFO; Charles Curran, III, Senior V.P.-Marketing; K. Michael Stuart, Senior V.P.-Aircraft Operations; Kenneth W. Marshall, V.P.-Flight Operations; Linda D. Landers, V.P.-Customer Service; Ralph Martin, V.P.-Maintenance; Linda Noble, V.P.-Human Resources
Equipment: 23 Fairchild Metros, 16 Saab 340's, 12 Embraer Bandeirantes, 2 Embraer Brasilias, Cargo only: 5 Cessna Caravans

Command Airways, Inc. (AA*) (P,C,M)
(Subsidiary-AMR Corp.)
(dba American Eagle)
Dutchess County Airport, Wappingers Falls, NY 12590
(914) 462-6100, Fax: (914) 462-6114
K. G. Morse, President; B. J. Singh, Executive V.P.-Marketing/ Field Services; D. P. Long, Executive V.P.-Operations; D. Craig, Director-Management Development; W. Hughes, Director-Training
Equipment: 6 Shorts 330's, 6 Shorts 360's, 5 ATR 42's

Conquest Airlines Corp. (3C) (P)
2748 Viterbo Road, #14, Beaumont, TX 77705
(409) 724-6851, Fax: (409) 727-8638
Victor M. Rivas, President; Rafael E. Rivas, COO; Ed Brown, Director-Passenger Service; Carol Kemp, Director-Interline & Public Relations; Tom Pace, V.P.-Maintenance; Andrew M. Besterman, Director-Sales
Equipment: 8 Beech 1900's

Continental Express
See individual listings for:
Bar Harbor Airlines, Inc.
Britt Airways, Inc.
Rocky Mountain Airways, Inc.
Southern Jersey Airways, Inc.

Airline Directory

Cook Inlet Aviation, Inc. (4G) (P,C,M)
P. O. Box 175, Homer, AK 99603
(907) 235-8163, Fax: (907) 235-5277
Dennis Rothgeb, President; Barbara Rothgeb, Vice President; Larry Klien, V.P.-Maintenance; Robert Glen, Chief Pilot
Equipment: 2 Cessna 207's, 1 Cessna 172, 1 Cessna 206

Corporate Air (C)
P.O. Box 30998, Billings, MT 59107-0998
(406) 248-1541; Fax: (406) 248-7670
Michael Overstreet, President/CEO; Robert McIver, Vice President; James K. Shollenberger, Secretary; Linda Overstreet, Treasurer; Dennis Wells, Director-Maintenance; Doug Parrott, Director-Flight Operations/Chief Pilot
Equipment: Cargo only: 4 deHavilland Twin Otters, 1 Fokker F-27, 1 Beech 99

Corporate Air, Inc. (DN) (C,M)
Building 85-214, Bradley Int'l Airport, Windsor Locks, CT 06096
(203) 623-9119; Fax: (203) 623-7386
Barry Lutin, President/CEO; Leman Wright, V.P.-Operations; William Schwartz, Controller; Timothy Goulis, Director-Flight Operations; Gerald Nash, Director-Maintenance
Equipment: Cargo only: 5 Piper Aztecs, 2 Beech Barons, 1 Beech King Air, 1 Piper Navajo

Crown Airways, Inc. (US*) (P)
(dba USAir Express)
DuBois-Jefferson County Airport, Falls Creek, PA 15840
(814) 371-2691
A. J. Beiga, Vice President/General Manager; Dan Dandrea, Director-Maintenance; Chuck Steeber, Director-Flight Operations; Linda Covey, Chief Flight Attendant; William G. Paulson, Chief Pilot
Equipment: 4 deHavilland Twin Otters, 3 Shorts 330's

Cumberland Airlines (NQ) (P,C,M)
P. O. Box 1611, Cumberland, MD 21502
(304) 738-8640
Dale B. Nicholson, President; R. E. Nicholson, Vice President; Ken Growden, Chief of Maintenance; Dennis Rickard, Chief Pilot
Equipment: 7 Piper Navajos

Delta Connection
See individual listings for:
Atlantic Southeast Airlines, Inc.
Business Express, Inc.
Comair, Inc.
SkyWest Airlines, Inc.

Direct Air, Inc. (UO) (P,C)
3605 East County Road 400-N, Kokomo, IN 46901
(317) 452-4031, Fax: (317) 459-9565
Michael J. Pittard, President; Lawrence N. Bangs, Vice President; Joan Philpott, Manager-Stations
Equipment: 1 Piper T-1C20

East Hampton Aire, Inc. (IN) (P,C)
P. O. Box CCC, East Hampton, NY 11937
(516) 537-3555, Fax: (516) 537-2072
George Gordon, President; Arthur Horn, Director-Maintenance; Mike Decker, General Manager; Al DeSantis, Chief Pilot
Equipment: 2 Beech 99's

Eastern Express
See individual listings for:
Aviation Associates, Inc.
Bar Harbor Airlines, Inc.
Metro Express, Inc.
Southern Jersey Airways, Inc.

Eastern Metro Express
See Metro Express, Inc.

Emerald Airlines, Inc. (OD) (P,M)
3144 Bee Caves Road, Austin, TX 78746
(512) 328-1620, Fax: (512) 328-7254
Wallace Graner, President/COB/CEO; Robert L. Grand, Executive V.P.-Finance/CFO; Stanley A. Cooper, V.P.-Operations; Lane Eason, V.P.-Technical Services; Robert Wilbanks, Director-Maintenance; Dave Chaney, Director-Quality Control
Equipment: 5 Douglas DC-9's

Empire Airways (EM) (P,C)
11101 Airport Drive, Hayden Lake, ID 83835
(208) 772-4048, Fax: (208) 772-7892
M. E. Spelde, President/Director-Operations; David B. Holloway, V.P.-Operations; Steve Foster, Director-Maintenance; Steve Adair, Director-Training; Robin Bevis, Controller
Equipment: 3 Fairchild Metros, Cargo only: 13 Cessna Caravans, 2 Fairchild 227's, 1 Fairchild Metro

Enterprise Airlines, Inc. (BE) (P)
P. O. Box 75037, Greater Cincinnati Int'l Airport, Cincinnati, OH 45275
(800) 343-7300, Fax: (606) 283-3279
Pat Sowers, President; Bob Tranter, V.P.-Operations; Tom McElhinney, V.P.-Development; Pat Kern, V.P.-Maintenance; Dave Henderson, Manager-National Sales, Lisa Smith, Manager-Revenue Accounting; Mike Jacobs, Chief Pilot
Equipment: 3 Cessna Citations

ERA Aviation, Inc. (AS*/7H) (P,C,M)
(dba Alaska Airlines Commuter)
6160 S. Airpark Drive, Anchorage, AK 99502
(907) 248-4422, Fax: (907) 266-8350
David L. Baumeister, President/CEO; Jim Vande Voorde, V.P.-Operations; John Finotti, V.P.-Finance; Paul Landis, Director-Marketing; Dave Carlstedt, Director-Maintenance; Bonnie Grilly, Director-Interline & Sales
Equipment: 8 deHavilland Twin Otters, 3 Convair 580's

Exec Express II, Inc. (AD) (P,C)
Meacham Airport, Terminal Bldg., Suite 201, Ft. Worth, TX 76106
(817) 625-7050, Fax: (817) 626-9011
Philip H. Trenary, President; Robert M. Rice, Director-Finance; Jack P. Buttress, Director-Operations; Toni Walling, Director-Maintenance; Jack Watkins, Chief Pilot; Laurie A. Rice, Director-Passenger Services
Equipment: 12 Piper Navajos

Executive Air Charter, Inc. (AA*) (P,C,M)
(dba American Eagle)
P. O. Box 38082, Airport Station, San Juan, PR 00937-0082
(809) 791-1537, Fax: (809) 791-3907
Joauquin Bolivar, COB/CEO; Jose Facundo, President/CEO; Mike Martinez, V.P.-Sales/Marketing; Raul Lopez, V.P.-Maintenance; Jose Machado, Director-Operations; Cecilio Rivera, Director-Stations; Carmen Camara, Manager-Inflight
Equipment: 10 CASA 212's, 4 ATR 42's

Express Air, Inc. (FX) (P,C)
Municipal Airport, New Bedford, MA 02746
(508) 994-9982
Richard J. Pereira, President/Treasurer; Dorothy Santos, Secretary; Austin Cary, Director-Operations; Ed Novak, Director-Maintenance
Equipment: 3 Cessna 402's

Express Airlines I, Inc. (NW*) (P,C,M)
(Subsidiary-Phoenix Airlines Services)
(dba Northwest Airlink)
1777 Phoenix Parkway, Suite 303, Atlanta, GA 30349
(404) 991-3333, Fax: (404) 997-0127
Michael J. Brady, President/COB/CEO; H. Eugene Belcher, Executive V.P.; Elton R. McKenzie, Executive. V. P./CFO; Bill Whitaker, V.P.-Maintenance; E. K. Johnson, V.P.-Flight Operations; Bruce Langsen, V.P.-Customer Service; David Lowe, Director-Marketing
Equipment: 25 British Aerospace Jetstream 31's, 11 Saab 340's

Flamenco Airways, Inc. (FK) (P,C,M)
P. O. Box 224, Culebra, PR 00645
(809) 722-0237
Noemi Gonzalez, President; Edwin Tabales, Vice President; Charles O'Day, Director-Operations; William Gonzalez, Director-Maintenance; Michael Guzman, Manager-Stations
Equipment: 6 Britten Norman Islanders, Cargo only: 2 Douglas DC-3's, 1 Britten Norman Trislander

Flight Line, Inc. (EC) (C)
P. O. Box 2468, Jackson, MS 39205
(601) 932-2255
Dennis M. Miller, President; William E. Powers, Vice President; Thomas L. Kerr, Treasurer; Jerry Roan, Director-Maintenance; Dennis Jennings, Director-Operations
Equipment: Cargo only: 4 Embraer Bandeirantes, 2 Piper T-1040's, 2 Cessna 402's, 2 Beech Barons

Flight Trails, Inc.
(dba Air Resorts Airlines)

Forty-Mile Air, Ltd. (6M) (P,C,M)
6262 Old Airport Road, Fairbanks, AK 99709
(907) 474-0518
Charles Warbelow, President; Arthur Warbelow, Secretary/ Treasurer; Jim Tupper, Director-Maintenance
Equipment: 4 Cessna 207's, 4 Piper Super Cubs, 3 deHavilland Otters, 3 Cessna 206's, 2 Cessna 185's, 1 Piper Navajo

Frontier Flying Service, Inc. (2F) (P,C,M)
3820 University Avenue, Fairbanks, AK 99709-3820
(907) 474-0014, Fax: (907) 474-0744
John Hajdukovich, President; Gerald Kocer, Vice President; John F. Hajdukovich, V.P.-Operations
Equipment: 5 Piper Navajos, 1 Douglas DC-3, 1 Cessna 207

Galena Air Service, Inc. (AK) (P,C,M)
P. O. Box 188, Galena, AK 99741
(907) 656-1220, Fax: (907) 656-1816
Rose Yeager, President/General Manager; Rudee Scott, Director-Operations/Chief Pilot; Bud Walters, Director-Maintenance
Equipment: 3 Cessna 207's

GCS Air Service, Inc. (7R) (P,C)
8240 SR 309, Galion, OH 44833
(419) 468-3306
William R. Fischer, President; Ralph E. Baker, Secretary/ Treasurer; James A. Heydinger, Director-Operations; Thomas Lantz, Director-Maintenance
Equipment 2 Beech Queen Airs

GP Express Airlines, Inc. (8G) (P,C)
Hangar 112, Central Nebraska Regional Airport, P. O. Box 218, Grand Island, NE 68802-0218
(308) 382-6911
George Poullos, President; Tom Kaiser, General Manager/Director- Operations; Maureen Hansen, Treasurer; Bruce Ryerson, Director-Maintenance; Don Kothe, Chief Pilot
Equipment: 6 Cessna 402's, 3 Beech 99's, Cargo only: 1 Cessna 402

Grand Canyon Airlines, Inc. (YE) (P)
(Subsidiary-Scenic Airlines, Inc.)
P. O. Box 3038, Grand Canyon, AZ 86023
(602) 638-2463
John R. Seibold, President; Ronald L. Warren, Vice President/ General Manager; Elling Halvorson, Secretary/Treasurer; Robert J. Donaldson, Chief Pilot; Larry V. Stevenson, Director-Maintenance; Howard D. Jackson, Director-Ground Services; Christina C. Littleboy, Director-Customer Services
Equipment: 3 deHavilland Twin Otters

Grand Canyon Helicopters (HI) (P,C)
Box 455, Grand Canyon, AZ 86023
Elling Halvorson, President; Miles Becker, General Manager/ Director-Operations; Charles Bassett, Director-Maintenance; Gary Sextōn, Director-Marketing; Rick Carrick, Chief Pilot
Equipment: 11 Bell 206's

Great Lakes Aviation, Ltd. (ZK) (P,C,M)
RR 3, Box 115A, Spencer, IA 51301-9211
(712) 262-7734, Fax: (712) 262-7215
Douglas G. Voss, President/CEO; Dick Fontaine, Executive V.P./ COO; Mike Tuinstra, CFO; Eric Winger, V.P.-Marketing; Gayle Bartlett, V.P.-Maintenance; John Casey/Leonard Holiday, Chief Pilots; Ray Wieland, Chief Inspector
Equipment: 3 Beech 99's, 2 Beech 1900's

Gulkana Air Service (P,C,M)
P. O. Box 31, Glennallen, AK 99588
(907) 822-5532
Kenneth Bunch, President
Equipment: 1 Cessna 402, 1 Cessna 206, 1 Cessna 185, 1 Grumman Widgeon

Haines Airways, Inc. (7A) (P,C,M)
P. O. Box 470, Haines, AK 99827
(907) 766-2646
Michael Shallcross, CEO; Raymond Willard, President; Barbara Shallcross, Vice President; Midge Stokely, Secretary; Boyd Hoots, Director-Operations; Paul Franz, Director-Maintenance
Equipment: 3 Piper Cherokee Sixes, 1 Piper Cherokee, 1 Cessna 182

Harbor Air Service (8H) (P,C,M)
P. O. Box 269, Seward, AK 99664
(907) 224-3133
Linda K. Pfleger, President; Ludwig H. Pfleger, Vice President
Equipment: 2 Cessna 207's

Harbor Airlines, Inc. (HG) (P,C)
P. O. Box 160, Oak Harbor, WA 98277
(206) 675-8444
Jerry C. Patterson, President/Treasurer; William D. Hildebrand, Director-Operations/ Chief Pilot; Sheryl Horless, Director-Marketing; Alan Hodgkins, Director-Maintenance
Equipment: 3 Piper Navajos

Helicopter Air Services, Inc.
(dba Trump Air)

Henson Aviation, Inc. (PI*) (P,C)
(Subsidiary-USAir Group, Inc.)
(dba Piedmont Regional)
Salisbury/Wicomico County Airport, Salisbury, MD 21801
(301) 742-2996, Fax: (301) 742-2996, Ext. 442
Richard A. Henson, COB; Ronald A. Holley, President/CEO; Stephen R. Farrow, V.P.-Flight Operations; Thomas H. Foltz, V.P.-Finance; Norman S. Grubb, V.P.-Maintenance; Robert S. Pfrommer, V.P.-Field Operations; John W. Presburg, V.P.-Route Development/Scheduling
Equipment: 21 deHavilland Dash 8's, 5 deHavilland Dash 7's, 5 Shorts 330's

Hermens/Markair Express (BF*) (P,C,M)
(Subsidiary-Markair, Inc.)
P. O. Box 7010, Bethel, AK 99559
(907) 543-4220, Fax: (907) 543-2162
Stan Hermens, President; Ruth Hermens, Vice President; Richard Nelson, COO; Bill Ward, General Manager; Wayne Peterson, Director-Operations; Jim Feaster, Director-Maintenance; Steve Muchovic, Chief Pilot
Equipment: 11 Cessna 207's, 10 Cessna 208's, 3 Piper T-1040's, 2 deHavilland Twin Otters

Holiday Airlines, Inc. (JO) (P)
North Terminal, Newark Int'l Airport, Newark, NJ 07114
(201) 961-2770, Fax: (201) 642-4219
Dominick Borzomati, President; John McKaylay, Director-Maintenance; Robert Stayton, Director-Operations; Joan Deleso, Director-Customer Services; Matthew Doud, Chief Pilot
Equipment: 5 deHavilland Twin Otters

Horizon Air Industries, Inc. (AS*/NW*/QX) (P,C,M)
(Subsidiary-Alaska Air Group, Inc.)
(dba Alaska Airlines Commuter/Northwest Airlink)
19521 Pacific Highway South, Seattle, WA 98188
(206) 241-6757, Fax: (206) 431-4696
John F. Kelly, President/CEO; William S. Ayer, V.P.-Marketing & Scheduling; George D. Bagley, Senior V.P.-Flight Operations; Dennis Decker, V.P.-Stations; John C. Kehoe, Vice President/ Controller; Kenneth J. Hobby, V.P.-Maintenance & Engineering; Arthur Thomas, Vice President/General Counsel
Equipment: 27 Fairchild Metros, 12 deHavilland Dash 8's, 2 Fokker F-28's

HubExpress, Inc. (5E) (P)
Minute Man Air Field, Stow, MA 01775
(508) 897-7053
Morris E. Flater, President/CEO; Alfred P. Guertin, Secretary; Peter Nesbeda, Treasurer; Gary Rolfe, Director-Operations; Mark Joyce, Director-Maintenance; Alton Maurais, Chief Pilot
Equipment: 3 Bell 206's

Illiamna Air Taxi, Inc. (LS) (P,C,M)
P. O. Box 109, Illiamna, AK 99606
(907) 571-1248, Fax: (907) 571-1244
Timmothy J. LaPorte, President; Nancy L. LaPorte, Vice President
Equipment: 2 Cessna 207's, 2 deHavilland Beavers

Iowa Airways, Inc. (JT/ML*) (P,C)
(dba Midway Connection)
McGhee Tyson Airport, Knoxville, TN 37701
(615) 970-3100, Fax: (615) 970-3552
A. Jack Schaps, CEO; H. Wayne Hughes, President; Floyd M. Byers, V.P.-Traffic; Charles R. Lee, Director-Operations; Alan Pitcher, Director-Maintenance; Marlene Woller, Director-Marketing; Karen Edwards, Controller
Equipment: 4 Embraer Bandeirantes

Jet Express, Inc. (JI/TW*) (P)
(dba Trans World Express)
Bader Field Airport, Atlantic City, NJ 08401
(609) 345-2230, Fax: (609) 345-2537
Kenneth Carlson, President; William Kutzke, Vice President; J. Pete Cienkowski, Vice President/General Manager/Director-Operations; Stephen DaCosta, Director-Maintenance
Equipment: 3 CASA 212's

Jetstream International Airlines, Inc. (PI*/US*)
(Subsidiary-USAir Group, Inc.)
(dba Piedmont Commuter/USAir Express)
6520 Poe Avenue, Suite 400, Dayton, OH 45414
(513) 454-1116, Fax: (513) 454-0653
Keith D. Houk, President/CEO; Albert F. Schroeck, V.P.-Finance; C. Michael Dacy, Vice President/General Manager
Equipment: 31 British Aerospace Jetstream 31's

JIB, Inc.
(dba Action Airlines)

Kenmore Air Harbor, Inc. (5K) (P)
P. O. Box 64, Kenmore, WA 98028
(206) 486-1257, Fax: (206) 486-5471
R. B. Munro, President; Bill Peters, Director-Maintenance; Gregg Munro, Manager-Flight Operations
Equipment: 10 deHavilland Beavers, 5 Cessna 180's, 1 Cessna 206

Kenosha Aero, Inc.
(dba Alliance Airlines, Inc.)

Ketchikan Air Service, Inc. (6S) (P,C,M)
Airport Terminal Building, Room 1600, Ketchikan, AK 99901
(907) 225-6608
Michael B. Salazar, President; Dianne Langlier, Vice President; Barbara Salazar, Secretary/Treasurer; Bob Utterback, Manager-Service; Tim Goheen, Manager-Operations; Jill Rudy, Manager-Marketing
Equipment: 4 deHavilland Beavers, 1 Cessna 206, 1 Cessna 185

L.A.B. Flying Service, Inc. (AS*/JF) (P,C,M)
(dba Alaska Airlines Commuter)
P. O. Box 272, Haines, AK 99827
(907) 766-2222
Layton Bennett, President; Lynn Bennett, Vice President/Director-Operations; Agnes Bennett, Treasurer
Equipment: 11 Piper Cherokee Sixes, 5 Piper Cherokees, 2 Britten Norman Islanders, 2 Piper Senecas, 1 Piper Navajo

Lake Union Air Service, Inc. (7L) (P,C)
950 Westlake Avenue North, Seattle, WA 98109
(206) 284-0300, Fax: (206) 283-2414
Wes Gustafson, President/Director-Operations; Steve Wheatley, Director-Operations
Equipment: 10 deHavilland Beavers, 2 Cessna 206's, 1 deHavilland Otter

Laredo Air, Inc. (5L) (P,C)
P. O. Box 1909, Laredo, TX 78044-1909
(512) 723-5400, Fax: (512) 723-1387
Wolf Hofman, President; Hal Walker, General Manager; Charles Spencer, Director-Maintenance; Robert Karns, Director-Airline Development; Sally Lewis, Director-Marketing
Equipment: 2 Convair 440's, 1 Convair 580

Larry's Flying Service, Inc. (7K) (P,C,M)
3822 South University Avenue, Fairbanks, AK 99709
(907) 474-9169, Fax: (907) 474-8815
Larry Chenaille, President; Jean Chenaille, Secretary/Treasurer; Ed Peoples, Director-Operations; Merlin Barkdull, Director-Maintenance; Paul Haggland, Chief Pilot
Equipment: 4 Piper Navajos, 3 Cessna 207's, 2 Piper Cherokee Sixes, 1 Piper Aztec, 1 Britten Norman Islander

Las Vegas Airlines, Inc. (TQ) (P,C)
P. O. Box 15105, Las Vegas, NV 89114
(702) 647-3056, Fax: (702) 647-1846
Donald J. Donohue, President/CEO; David R. Drake, Director-Maintenance, Glen H. Johnson, Chief Pilot
Equipment: 5 Piper Navajos

Long Island Airlines (YL) (P,C)
1300 New Highway, Republic Airport, Farmingdale, NY 11735-1526
(516) 752-8300, Fax: (516) 694-0172
Michael S. Peragine, President; Steven Berg, CFO; Camille Kieseheuer, Controller; Phillip Jensen, General Manager; Michael Olvaney, Director-Operations; Diane Foceri-Lauro, Manager-Customer Service
Equipment: 3 deHavilland Twin Otters, 3 Piper Navajos, 1 Beech Baron, 1 Beech Bonanza

Mail Airways, Inc. (FH) (P)
Albany Airport, Albany, NY 12211
(518) 785-7525, Fax: (518) 785-7562
George Nemeth, President; Leroy Schnettler, Director-Operations; Rod Lewonchuk, Chief Pilot; Earl Hargrave, Director, Maintenance
Equipment: 7 Beech 99's

Mesa Airlines, Inc. (YV) (P,C)
1296 West Navajo Street, Farmington, NM 87401
(505) 327-0271, Fax: (505) 325-1331
Larry L. Risley, President/Director-Maintenance; Janie Risley, Executive V.P.; Blaine M. Jones, V.P.-Finance; Gary Risley, V.P.-Corporate Affairs; Ken Widger, V.P.-Operations; Sarah Sproul, V.P.-Marketing; C. David Keeton, General Manager-Aviation Services
Equipment: 5 Beech 99's, 5 Beech 1900's, 5 Beech 1300's, 1 Cessna Caravan

Mesaba Aviation (NW*/XJ) (P)
(dba Northwest Airlink)
7501 N.W. 26th Avenue South, Minneapolis, MN 55450
(612) 726-5151, Fax: (612) 726-5151 ext. 325
Robert D. Swenson, President/CEO; Philip L. Swenson, V.P.- Marketing/Planning; Patrick J. Thompson, Senior V.P.-Operations; Lawrence E. McCabe, V.P.-Corporate Relations; Ken Bronson, V.P.-Finance; Michael Wind, V.P.-Ground/Inflight Service; Richard Lawrence, V.P.-Flight Operations; James Haarbauer, V.P.-Maintenance
Equipment: 14 Fairchild Metros, 6 Fokker F-27's

Metro Airlines, Inc. (AA*/EA*/TW*/FC/FY/HY) (P,C,M)
1700 W. 20th Street, P. O. Box 612626, DFW Airport, TX 75261
(214) 453-4400, Fax: (214) 453-4444
E. A. Henderson, Chairman; J. L. Seaborn, President; Peter B. McKee, Senior V.P./CFO; Arlene J. Dean, Senior V.P.-Human Resources; Brian K. Miller, Corporate Controller/Treasurer; Harry Johnson, Vice President-Maintenance; Fred Junek, V.P.-Flight Operations

See individual listings for:
Aviation Associates, Inc.
Chaparral Airlines, Inc.
Metro Airlines Northeast, Inc.
Metro Express, Inc.
Metroflight, Inc.

Metro Airlines Northeast (NY) (TW*) (P)
(dba TWA Express)
(Subsidiary-Metro Airlines, Inc.)
Clinton County Airport, Plattsburgh, NY 12901
(518) 561-4350
Douglas Caldwell, President; Andrew N. Price, Senior V.P./General Manager; Fred Junek, V.P.-Operations; Phil Green, V.P.-Sales & Passenger Service; Frank Leagon, Director-Maintenance; Ross McLean, Chief Pilot
Equipment: 11 Beech 1900's

Metro Airlines Northeast (VT) (TW*) (P)
(dba TWA Express)
(Subsidiary-Metro Airlines, Inc.)
One Calkins Court, South Burlington, VT 05401-6002
(802) 658-5071, Fax: (802) 658-9609
Douglas Caldwell, President; Andrew N. Price, Senior V.P./General Manager; William Sumner, V.P.-Operations; Phil Green, V.P.-Sales & Passenger Services; Don Nicolson, Director-Maintenance; Vanda Crook, Chief Pilot; Elizabeth Cranmer, Chief Flight Attendant
Equipment: 6 Saab 340's

Metro Express, Inc. (EA*) (P,C,M)
(Subsidiary-Metro Airlines, Inc.)
(dba Eastern Metro Express)
1895 Phoenix Boulevard, Suite 300, Atlanta, GA 30349
(404) 997-0431, Fax: (404) 996-2156
Robert E. Phillips, President/COO; Guy W. Boney, V.P.-Maintenance; Curtis C. Williams, V.P.-Passenger Service; Harry N. Shuler, Director-Flight Operations; John S. Stork, Director-Marketing; J. Donald Land, Controller
Equipment: 19 British Aerospace Jetstream 31's, 8 deHavilland Dash 8's

Metroflight, Inc. (AA*/FY) (P,C,M)
(Subsidiary-Metro Airlines, Inc.)
(dba American Eagle)
1700 W. 20th Street, P. O. Box 612626, DFW Airport, TX 75261
(214) 453-4400, Fax: (214) 453-4555
J. Jeffrey Spear, Executive V.P./COO; Ed Criner, V.P.-Flight Operations; Kevin Craig, Controller; Steve Nikolas, Director-Human Resources; George Johnson, Director-Passenger Service; Paul Bergman, Director-Sales; Laverne Pullen, Director-Inflight Services
Equipment: 16 Saab 340's

Michigan Airways, Inc. (QQ) (P)
Emmett County Airport, Pellston, MI 49769
(616) 539-8464
Robert J. Smith, President; James P. Van Sickle, Vice President
Equipment: 2 Piper Navajos

Midcontinent Airlines, Inc. (BN*) (P,C,M)
(dba Braniff Express)
3025 South Parker Road, Suite 811, Denver, CO 80014
(303) 750-5600, Fax: (303) 755-6021
Stephen J. Gillette, Chairman; Andrew L. Stumpf, President/CEO; Keith Coulter, V.P.-Marketing; Buzz Calvin, V.P.-Operations; Carl Jurgens, Controller; Ralph Rafzinger, Treasurer
Equipment: 5 Fairchild Metros, 3 Embraer Bandeirantes

Midway Commuter Airlines, Inc. (ML*) (P,C)
(Subsidiary-Midway Airlines, Inc.)
(dba Midway Commuter)
900 Capital Airport Drive, Springfield, IL 62707
(217) 789-0095, Fax: (217) 789-0213
Richard E. Pfennig, President; Armando Cardenas, V.P.-Operations; Mark Fischer, V.P.-Customer Service; Gordon Jones, V.P.-Maintenance; Robert Scott, Director-Flight Control; Jeff Gardener, Director-Training; Gerard Terpstra, Director-Quality Control; Mark Zweidinger, Chief Pilot
Equipment: 19 Dornier 228's

Midway Connection/Midway Commuter
See individual listings for:
Iowa Airways, Inc.
Midway Commuter Airlines, Inc.

Midwest Aviation (WV) (P,C,M)
Route 4, Box 16-C, Marshall, MN 56258
(507) 532-3164
Ray Johnson, President; Marlys Johnson, Secretary/Treasurer
Equipment: 1 Piper Navajo

Montauk-Caribbean Airways, Inc.
(dba Long Island Airlines)

Mountain Air Cargo, Inc. (MB) (C)
P. O. Box 488, Denver, NC 28037
(704) 464-8741
David Clark, CEO; Bill Simpson, President; Hugh Bingham, Executive V.P.; Menda Street, V.P.-Operations; John Gioffre, Secretary/Treasurer; Bob Brady, Director-Operations; George Jones, Chief Pilot
Equipment: Cargo only: 26 Cessna 208's, 7 Beech 99's, 7 Fokker 27's, 3 Shorts 330's, 2 deHavilland Twin Otters

MST Aviation, Inc.
(dba Apex Airlines)

Nantucket Airlines (DV) (P,C)
Nantucket Memorial Airport, Nantucket, MA 02554
(508) 228-6234
Charles R. Harris, President; W. Scott LaForge, Director-Operations
Equipment: 4 Cessna 402's

Nashville Eagle, Inc. (AA*) (P,C,M)
(Subsidiary-AMR Corp.)
(dba American Eagle)
One New Terminal Drive, Nashville, TN 37214
(615) 275-3751, Fax: (615) 275-3756
W. C. Wallace, Executive V.P.; D. Shockley, V.P.-Maintenance; F. Phelps, Director-Inventory Control; T. Sherman, Manager-Benefits/ Personnel; S. Stacks, Manager-Finance
Equipment: 38 Fairchild Metros

National Air (C)
6871 Airport Drive, Riverside, CA 92504
(714) 689-2272
David D. Miller, President; Peter Schultz, Vice President/ Treasurer; Gordon Long, Director-Operations; Rick Suel, Director-Maintenance; Peter Dickinson, Chief Pilot
Equipment: Cargo only: 1 CASA 212

National Park Airways, Inc.
(dba Air Grand Canyon-Yosemite)

New England Airlines, Inc. (EJ) (P,C)
State Airport, Westerly, RI 02891
(401) 596-2460
William Bendokas, President/Director-Operations/Chief Pilot; Mariane Starwalt, General Manager; Brian Ward, Director-Maintenance
Equipment: 4 Piper Cherokee Sixes, 3 Britten Norman Islanders

New York Helicopter Corp. (HD) (P,C)
North Avenue, Garden City, NY 11530
(516) 228-8300, Fax: (516) 228-8449
Donald J. Gault, President; Peter M. McGann, Executive V.P./CFO; Patrick Mallen, V.P.-Technical Services; Robert Chaves, V.P.-Flight Operations; Kristen Reichert, V.P.-Sales/Marketing
Equipment: 4 Sikorsky 58's

Nicholson Air Service, Inc.
(dba Cumberland Airlines)

North American Helicopter Airways, Inc.
(dba Grand Canyon Helicopters)

Northwest Airlink
See individual listings for:
Big Sky Transportation Co.
Express Airlines I, Inc.
Mesaba Aviation
Horizon Air Industries, Inc.
Precision Valley Aviation

Airline Directory

NPA, Inc. (UA*) (P,C,M)
(Subsidiary-WestAir Holding, Inc.)
(dba United Express)
Avenue C, Building 42, Pasco, WA 99301
(509) 545-6420, Fax: (509) 547-5617
Tim Flynn, COB/CEO; Craig Belmondo, President; John Beacham, Director, Marketing/Sales; Dennis Berry, Director-Customer Service; Tim Komberec, Director-Operations; Doug Yost, Director-Maintenance
Equipment: 16 British Aerospace Jetstream 31's

Olson Air Service, Inc. (4B) (P,C,M)
P. O. Box 142, Nome, AK 99762
(907) 443-2229
David Olson, President; Joel Holbrook, Director-Maintenance; Donald Olson, Chief Pilot
Equipment: 2 Cessna 207, 1 Cessna 206

Orca Air, Inc.
(dba Chitina Air Service)

PAC Air (3N) (P,C,M)
Nashua Municipal Airport, Pinehill Road, Nashua, NH 03063
(603) 883-8007, Fax: (603) 883-4111
Arthur Pearson, President/Director-Operations; Anne Pearson, Vice President/Treasurer; David Goodwin, Director-Market Planning; Peder Halverson, Director-Maintenance
Equipment: 2 Piper Navajos

Pan Am Commuter/Express
See individual listings for:
Pan Am Express
Resort Commuter, Inc.

Pan Am Express, Inc. (PA*) (P)
(Subsidiary-Pan American World Airways, Inc.)
N. E. Philadelphia Airport, Grant Avenue & Ashton Road, Philadelphia, PA 19114
(215) 961-2200, Fax: (215) 677-5992
John F. Leonard, President; David E. Ferrucci, Executive V.P.; William J. Farmery, V.P.-Maintenance; Richard A. Savage, V.P.-Marketing/Passenger Services; Michael J. Mulqueen, Director-Finance/Administration; Joseph C. McGhee, Director-Personnel; David C. Reeve, Director-Operations
Equipment: 10 deHavilland Dash 7's, 8 ATR 42's

Panorama Air (PV) (P)
100 Kaulele Place, Honolulu, HI 96819
(808) 836-2122; Fax: (808) 834-2115
David E. Wilbur, President; Gloria M. Hutchinson, V.P.-Sales/ Marketing; Kenneth Fletcher, Director-Operations; George Tanoue, Director-Maintenance; David Hardie, Chief Pilot
Equipment: 8 Piper Navajos

Parson Aviation Corp.
(dba PAC Air)

Peninsula Airways, Inc. (KS) (P,C,M)
4851A Aircraft Drive, Anchorage, AK 99502
(907) 243-2485, Fax: (907) 243-6848
Orin D. Seybert, President; Jennie E. Seybert, Secretary/ Treasurer; George Tibbetts, V.P.; Richard E. Harding, Director-Operations; Thomas Geary, Director-Maintenance, Bryan Carricaburu, Director-Stations
Equipment: 9 Piper Cherokee Sixes, 5 Piper Navajos, 3 Grumman Geese, 3 Fairchild Metros, 2 Cessna 441's

Pennsylvania Aviation, Inc.
dba Wings Airways

Pennsylvania Commuter Airlines, Inc. (US*) (P,C,M)
(Subsidiary-USAir Group, Inc.)
(dba USAir Express)
Harrisburg Int'l Airport, Building 601, Middletown, PA 17057
(717) 944-2781, Fax: (717) 944-9183
William C. Clark, President/CEO; Michael J. Yocum, V.P.-Flight Operations; William J. Staz, V.P.-Finance; Terry J. Petrun, Assistant V.P.-Administration; Robert P. Hoover, Assistant V.P.-Maintenance/ Engineering; William A. Luby, Director-Systems Planning; Rick Schwartz, Director-Stations
Equipment: 9 Beech 1900's, 5 Shorts 360's, 3 Shorts 330's

Piedmont Commuter
See individual listings for:
CCAir, Inc.
Henson Aviation, Inc.
Jetstream International Airlines, Inc.

Pocono Airlines, Inc. (TW*) (P,C,M)
(dba Trans World Express)
Wilkes-Barre/Scranton Int'l Airport, Avoca, PA 18641
(717) 655-2989, Fax: (717) 457-3499
J. R. K. Tinkle, COB/CEO; Jan Norton, President; Charles Attardo, Executive V.P.; Thomas Gulla, V.P.-Marketing; Keith Letsinger, V.P.-Finance; Peter Leombruni, Director-Maintenance; James Bird, Director-Operations
Equipment: 7 Fairchild Metros

Precision Valley Aviation, Inc. (NW*) (P,C,M)
841 Galaxy Way, Manchester, NH 03103
(603) 668-0082, Fax: (603) 622-8544
Walter L. Fawcett, President; Susan B. Fawcett, V.P.-Stations; Pat Rodgers, V.P.-Finance/Administration; Fred Martin, V.P.-Marketing; Donald A. Delande, V.P.-Maintenance; Kenneth A. Latour, V.P.-Flight Operations
Equipment: 13 Dornier 228's, 1 Beech 99

Presidential Airways, Inc. (UA*) (P,M)
(dba United Express)
P. O. Box 17230, Washington Dulles Int'l Airport, Washington, D.C. 20041
(703) 478-5400, Fax: (703) 478-0613
Harold J. Pareti, President/CEO; John Utter, Senior V.P.-Finance; Dan Jenkins, V.P.-Flight Operations; Stephen Means, V.P.-Customer Services; Joe Pettigrew, V.P.-Maintenance; Jim Proia, V.P.-System Operations
Equipment: 8 British Aerospace 146's, 4 British Aerospace Jetstream 31's, 2 Beech 1900's

Prime Air, Inc. (DE) (P,C,M)
Rt. 2, Southern Illinois Airport, Murphysboro, IL 62966
(618) 457-5599, Fax: (618) 457-3594
Ron Langley, President; James O. Aufranc, Vice President; Kevin Beck, Director-Maintenance; Jackie Lee, Supervisor-Stations
Equipment: 4 Piper Navajos

Propheter Aviation (QS) (P,C)
P. O. Box 720, Sterling, IL 61081
(815) 625-3079, Fax: (815) 625-3067
Robert A. Propheter, President; Timothy J. Propheter, Secretary; William Kenney, Director-Operations
Equipment: 2 Cessna 402's, 1 Cessna 421, 1 Cessna 310

Qwest Commuter Corp. (7Q) (P)
3205 N. Lakewood Boulevard, Long Beach, CA 90808
(213) 425-0679, Fax: (213) 425-8736
Stephen S. Lay, Chief Executive Officer
Equipment: 3 Dornier 228's

Raven Air, Inc. (4R) (P,C,M)
3541 Amber Bay Loop, Anchorage, AK 99515
(907) 243-5586
Deena M. Thomas, President
President: 1 Cessna 207

Resort Air, Inc. (TW*/9N) (P)
(dba Trans World Express)
3990 Fee Fee Road, St. Louis, MO 63044
(314) 739-7300
Hulas Kanodia, President; Ed McEnroe, V.P.-Finance; Don Soph, V.P.-Customer Service; Al Blosse, V.P.-Maintenance; Craig Tompkins, V.P.-Flight Operations; Gary Santos, Director-Special Projects; Bill Misnk, Director-Marketing
Equipment: 13 Fairchild Metros, 2 ATR 42's

Resort Commuter, Inc. (PA*/XK) (P,C)
(dba Pan Am Commuter)
130 McCormick, Costa Mesa, CA 92626
(714) 546-9163
Bob O'Keefe, President; Bill Crilly, V.P.-Operations/CFO; Harold Ley, Director-Maintenance; Rick Killstrom, Director-Operations; Al Lindenfelser, Director-Scheduling
Equipment: 3 deHavilland Twin Otters

Rocky Mountain Airways, Inc. (CO*) (P,C,M)
(Subsidiary-Texas Air Corp.)
(dba Continental Express)
Hangar 6, Stapleton Int'l Airport, Denver, CO 80207
(303) 388-8585, Fax: (303) 355-0662
Donald C. Smith, President; Roy Spencer, V.P.-Flight Operations; Dennis Heap, V.P.-Customer Services; Doug Olsen, V.P.-Maintenance; Rita Cuddihy, V.P.-Marketing/Planning
Equipment: 10 Beech 1900's, 7 deHavilland Dash 7's, 3 ATR 42's

Roederer Aviation, Inc. (EH) (P,C)
Box 274, Spirit of St. Louis Airport, St. Louis, MO 63006
(314) 532-4150
Herbert D. Roederer, President; Robert D. Roederer, Senior V.P., Phyllis Roederer, Senior V.P.-Operations; Michael H. Roederer, Assistant V.P.; Jan Pederson, Manager-Operations
Equipment: 2 Cessna 402's

Ross Aviation, Inc. (ZD) (P,C)
2129 Osuna, NE, Albuquerque, NM 87119
(505) 844-1885
Lewis A. Pierce, Chairman/President
Equipment: 3 Douglas DC-9's, 3 deHavilland Dash 7's, 2 deHavilland Twin Otters, 2 Beech King Air's

Ryan Air Service, Inc. (XY) (P,C,M)
1205 E. International Airport Road, Anchorage, AK 99518
(907) 562-2227, Fax: (907) 563-8177
Robert Dodd, President; Ted Lamb, Director-Operations; Ken Acton, Director-Stations; John Eckels, Director-Finance
Equipment: 8 Cessna 207's, 3 Cessna 402's

Saber Aviation, Inc. (SP) (C)
4803 Express Drive, Douglas Int'l Airport, Charlotte, NC 28219
(704) 359-8456
Mike Dockery, President; Sandy Elliott, Vice President
Equipment: Cargo only: 4 Beech 18's, 3 Cessna 402's, 2 Douglas DC-3's, 2 Piper Cherokee Sixes, 2 Cessna 207's

Salair, Inc. (8S) (C,M)
S. 3406, Davison Boulevard, Hangar 745, Spokane, WA 99204
(509) 838-0058
Joseph Salerno, President; Bruce C. Salerno, General Manager/ Secretary/Treasurer; Paul M. Salerno, Vice President/Director-Operations
Equipment: Cargo only: 6 Douglas DC-3's, 3 Convair 440's

San Juan Airlines, Inc. (AS*) (P,M)
(dba Alaska Airlines Commuter)
1402 Fairchild Int'l Airport, Port Angeles, WA 98362
(206) 452-5326, Fax: (206) 452-7043
Jimy M. Sherrell, President; John Kuolt, Senior V.P.; Danny Wright, V.P.-Operations; Mike Lowry, Director-Finance; Wayne Johnson, Director-Maintenance
Equipment: 1 Cessna 402

Scenic Airlines, Inc. (YR) (P)
241 East Reno Avenue, Las Vegas, NV 89119
(702) 739-5611, Fax: (702) 739-8065
John Seibold, Chairman/CEO, Alan Stephen, President/COO, Elizabeth Seibold, Secretary/Treasurer; Gerald Schirmer, V.P.-Flight Operations/Maintenance; Tulsie Issurdutt, V.P.-Finance; Deborah Lang, Director-Sales/Marketing; James Lawver, Chief Pilot
Equipment: 25 deHavilland Twin Otters

Seagull Air Service, Inc. (5N) (P,C,M)
P. O. Box 907, Bethel, AK 99559
(907) 543-4450, Fax: (907) 543-4445
Tim Crate, President; Roger Merchant, Vice President; Ed Berneckie, Vice President-Maintenance
Equipment: 7 Piper Cherokee Sixes, 1 Cessna 185, 1 Cessna 182

SFO Helicopter Airlines, Inc. (FN) (P,C)
P. O. Box 6789, Oakland, CA 94603
(415) 430-8815
Dean Hanson, President; Doug Archer, Director-Operations
Equipment: 2 Bell 206's, 1 Cessna 402, 1 Piper Navajo

Sierra Pacific Airlines, Inc. (P)
7700 North Business Park Drive, Tucson, AZ 85743-9622
(602) 744-1144, Fax: (602) 744-0138
Equipment: 7 Convair 580's
Note: Carrier does not provide scheduled air service.

Sierra Vista Aviation (7C) (P,C)
P. O. Box 1000, Sierra Vista, AZ 85636-1000
(602) 456-1862
Gene Bull, Owner
Equipment: 1 Piper Cherokee Six, 1 Beech Baron

Simmons Airlines, Inc. (AA*) (P,C,M)
(Subsidiary-AMR Corp.)
(dba American Eagle)
900 North Franklin, Suite 800, Chicago, IL 60610
(312) 280-8222, Fax: (312) 280-2219
James Gunn, President; Bernie DeSena Senior V.P.-Field Service; Dennis McMahon, Senior V.P.-Administration; Pete Piper, Executive V.P.-Marketing; Charles Rathbun, V.P.-Maintenance/Engineering; Lance McDonald, V.P.-Flight Operations
Equipment: 30 Shorts 360's, 9 ATR 42's

Skagway Air Service, Inc. (5U) (P,C,M)
P. O. Box 357, Skagway, AK 99840
(907) 983-2218
Ben Lingle, President; Mike O'Daniel, Vice President
Equipment: 6 Piper Cherokee Sixes, 2 Piper Archers, 1 Piper Seneca

Skyfreighters Corp. (BZ) (C,M)
P. O. Box 612787, DFW Airport, TX 75261
(817) 625-9943
M. Tom Christopher, COB; James E. Turner, President; F. Kenneth Dunn, V.P.-Operations; Susan Hawley, V.P.-Marketing; Mike Ponte, V.P.-Maintenance; Gary Berry, General Manager; Bud Weddington, Chief Pilot
Equipment: Cargo only: 8 Convair 440's, 3 Douglas DC-3's, 1 Dassault Falcon

Skyway Airlines (YX/ME*) (P)
(Subsidiary-Mesa Airlines, Inc.)
3647 S. Chase, Milwaukee, WI 53207
(414) 744-8969, Fax: (414) 744-9834
Larry L. Risley, Chairman; Rolly Bergeson, General Manager/COO; Ole Bartelt, Maintenance Coordinator; Jill Adams, Manager of Passenger Service; Ron Kirchner, Flight Coordinator
Equipment: 3 Beech 1900's

SkyWest Airlines, Inc. (DL*) (P,C,M)
(dba Delta Connection)
50 East 100S, Suite 200, St. George, UT 84770
(801) 628-2655
Jerry C. Atkin, President; Eric D. Christensen, Assistant to the President; Ron B. Reber, V.P.-Marketing; Earl B. Snow, V.P.-Flight Operations; John C. Bowler, V.P.-Finance/CFO; John Ligtermoet, V.P.-Customer Service; Keith Malnar, V.P.- Maintenance
Equipment: 37 Fairchild Metros, 6 Embraer Brasilias

S-M-B Stage Lines, Inc. (MJ) (C,M)
P. O. Box 612206, 1515 West 20th Street, DFW Airport, TX 75261
(214) 574-4471, Fax: (214) 456-0716
Timothy F. Sanders, President; Don Chapman, V.P.-Operations; William McDonald, V.P.-Finance; R. C. Grober, Director-Maintenance
Equipment: Cargo only: 11 Convair 600's, 3 Convair 640's

Airline Directory

SouthCentral Air, Inc. (XE) (P,C,M)
135 Granite Point Court, Kenai, AK 99611
(907) 283-7064, Fax: (907) 283-3678
Vernon L. Loftstedt, Jr., President; Craig R. Loftstedt, Vice President; Diana K. Loftstedt, Secretary/Treasurer; Mary Thornton, V.P.-Finance; David Diamond, Director-Operations; Jim Munson, Director-Maintenance; Larry Rogers, Chief Pilot
Equipment: 6 Piper T-1040's, 4 Piper Navajos, Cargo only: 1 Cessna 207, 1 Britten Norman Islander

Southern Jersey Airways, Inc. (CO*/EA*)
(P,C)
(dba Continental/Eastern Express)
Bader Field Airport, Atlantic City, NJ 08401
(609) 348-4600, Fax: (609) 347-7490
Richard H. Olsen, COB; Donald C. Young, President/Treasurer; Andrew Katana, V.P.-Finance & Administration; Jack Shaver, V.P.-Operations; Henry Gorelick, Secretary
Equipment: 4 deHavilland Twin Otters, 1 deHavilland Dash 7

Southwest Aviation, Inc.
(dba Midwest Aviation)

Sportsman Flying Service
(dba Gulkana Air Service)

StatesWest Airlines, Inc. (YW) (P,C)
2871 Sky Harbor Boulevard, Phoenix, AZ 85034
(602) 222-0391, Fax: (602) 840-6618
Rudy R. Miller, COB/CEO/President; Jim Lane, V.P.-Finance/CFO; Timothy G. Keuscher, Senior V.P.-Flight Operations; Donald G. Brady, V.P.-Maintenance; Edward J. Collins, V.P.-Sales/Marketing
Equipment: 3 Beech 1900's

Suburban Airlines, Inc. (US*) (P,C,M)
(Subsidiary-USAir Group, Inc.)
(dba USAir Express)
P. O. Box 1201, Reading, PA 19603
(215) 375-8551, Fax: (215) 320-7495
Arthur M. Horst, President/CEO; Craig M. Horst, Senior V.P.; Charles W. Linck, V.P.-Finance; Kim L. Rose, Chief Flight Attendant; David Gross, Chief Pilot
Equipment: 4 Shorts 330's, 3 Shorts 360's, 3 Fokker F-27's

Sun Pacific Airlines, Inc. (VL) (P,C)
402 West 4th Street, Santa Ana, CA 92701
(714) 667-7810, Fax: (714) 667-6402
Miguel E. Avila, Vice President; Eric Young, Director-Maintenance; Carmen Avila, General Manager
Equipment: 1 Embraer Bandeirante, 1 Piper Navajo, 1 Cessna 421

Sunaire
(dba Aviation Associates, Inc.)

Tanana Air Service (4E) (P,C,M)
P. O. Box 60713, Fairbanks, AK 99706
(907) 474-9311
Dale Erickson, President; David Mattnews, Director-Operations; Fred Distad, Director-Maintenance; Marion Gridley, Chief Pilot
Equipment: 3 Piper Cherokee Sixes

Taquan Air Service, Inc. (9Q) (P,C,M)
P. O. Box 600, Metlakatla, AK 99926
(907) 225-9668, Fax: (907) 225-0522
Jerry A. Scudero, President; Candi L. Scudero, Vice President; Brian MacManus, Director-Operations; Jim Larson, Chief Pilot; Charles Wisner, Chief Mechanic; Mark Glaspey, Controller
Equipment: 3 Cessna 185's, 3 deHavilland Beavers

Temsco Airlines, Inc. (AS*/KN) (P,C,M)
(dba Alaska Airlines Commuter)
P. O. Box 8015, Ketchikan, AK 99901
(907) 225-9810, Fax: (907) 225-2340
Ken Eichner, President; Jim Van Altvorst, General Manager; Shawn Mock, Director-Marketing; Bill Gale, Manager-Operations; James L. Baumgartner, Chief Pilot; Alan Jones, Chief Mechanic
Equipment: 9 deHavilland Beavers, 7 deHavilland Otters, 2 Cessna 185's, 1 Britten Norman Islander, Cargo only: 1 deHavilland Otter

Trans North Aviation, Ltd. (4Q) (P)
Eagle River Airport, P. O. Box 1445, Eagle River, WI 54521
(715) 479-6777
Ronald J. Schaberg, President; Kathleen D. Schaberg, Vice President; Gordon C. Stitt, Director-Maintenance
Equipment: 3 Piper Navajos

Trans World Express
See individual listings for:
Air Midwest
Jet Express, Inc.
Metro Airlines Northeast
Pocono Airlines, Inc.
Resort Air, Inc.
Virgin Islands Seaplane Shuttle, Inc.

Tri Air, Inc. (8T) (P,C,M)
P. O. Box 2845, Hyannis, MA 02601
(508) 771-4888
B. R. Slocum, Owner; Patty Sullivan, Director-Stations; Jim Blakely, Director-Operations
Equipment: 2 Britten Norman Trislanders

Trump Air (7D) (P,C,M)
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(201) 474-5600
S. B. Goldstein, Director-Flight Operations; R. Serafini, Director-Maintenance; K. Tylenda, Manager-Customer Service
Equipment: 3 Sikorsky 61's

United Express
See individual listings for:
Air Wisconsin, Inc.
Aspen Airways, Inc.
NPA, Inc.
Presidential Airways, Inc.
WestAir Airlines, Inc.

Universal Airlines, Inc. (C)
48000 Tyler Road; Box E, Belleville, MI 48111
(313) 481-1900
Newton Ball, President; Jerald Ball, Vice President/Secretary/ Treasurer; Gerry Bushnell, General Manager/Director-Operations; J. Smith, Director-Maintenance, J. Masters, Chief Pilot
Equipment: Cargo only: 2 deHavilland Twin Otters

USAir Express
See individual listings for:
Air Kentucky Airlines, Inc.
Chautauqua Airlines
Crown Airways, Inc.
Jetstream International Airlines, Inc.
Pennsylvania Commuter Airlines, Inc.
Suburban Airlines, Inc.

Valley Flying Service, Inc. (2V) (P,C)
1000 Airport Drive, Presque Isle, ME 04769
(207) 543-7322, Fax: (207) 774-2946
Allyn Caruso, President/COB/CEO; Pete Robsham, Director-Maintenance; Leon Dupuis, Director-Finance; Lauren Caruso, Director-Marketing
Equipment: 6 Cessna 402's

Vieques Air Link, Inc. (VI) (P,C)
P. O. Box 487, Vieques, PR 00765
(809) 741-3991
Osvaldo Gonzalez, President; Gilberto Vazquez, Director-Operations; Juan Estrella, Director-Maintenance; Angel Maldonado, Chief Pilot
Equipment: 9 Britten Norman Islanders

Viking International Airlines (VO) (C,M)
6355 34th Avenue South, Minneapolis, MN 55450
(612) 726-1640; Fax: (612) 726-1645
William Tsui, President; Robert Hunter, General Manager; John Quilling, Director-Maintenance; Kevin McGraw, Director-Operations; Keri Eastros, Chief Pilot
Equipment: Cargo only: 4 Convair 640's

Village Aviation, Inc.
(dba Camai Air)

Virgin Air, Inc. (ZP) (P)
P. O. Box 2788, St. Thomas, USVI 00803
(809) 776-2992
Paul Wikander, President; Margaret Wikander, Vice President; Dean Greaux, Director-Maintenance; Lynn Hunt, Lead Mechanic; Cheri Wikander, Station Manager
Equipment: 5 Piper Aztecs, 1 Cessna 402, 1 Beech 18, Cargo only: 2 Beech 18's

Virgin Islands Seaplane Shuttle, Inc. (TW*/3G) (P,C)
(dba Trans World Express)
Seaplane Ramp, Christiansted, St. Croix, USVI 00820
(809) 773-3590, Fax: (809) 773-1986
Kenneth E. Glass, President; Dann H. Lewis, Vice President/COO; John Stuart-Jervis, Director-Operations; Charles Freehling, Director-Maintenance; Matthew Rodina, Controller; Mitch Mayborn, Director-Stations
Equipment: 3 Grumman Turbo Mallards, 2 Grumman Mallards

Walkers International (XW) (P,C)
700 S.W. 34th Street, Ft. Lauderdale, FL 33315
(305) 523-5947, Fax: (305) 463-8460
James Radcliffe, President; Flemming Anderson, General Manager/ Director-Operations; Mac Ashton, Director-Maintenance; Noreene Taylor, Manager-Customer Service
Equipment: 1 deHavilland Twin Otter

WestAir Airlines, Inc. (UA*) (P,C,M)
(Subsidiary-WestAir Holding, Inc.)
(dba United Express)
5570 Air Terminal Drive, Fresno, CA 93727
(209) 294-6915, Fax: (209) 291-5784
Tim Flynn, COB/CEO; Maury Gallagher, President; Kerry Skeen, V.P.-Marketing; Harlow Vorhees, V.P.-Operations; Jim Prouty, V.P.-Administration
Equipment: 6 British Aerospace 146's, 12 Embraer Brasilias, 35 Embraer Bandeirantes, 5 Shorts 360's

WestAir Holding, Inc.
See individual listings for:
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WestAir Airlines, Inc.

Westates Airlines, Inc. (WX) (P)
851 Burlway Road, Suite 400, Burlingame, CA 94010
(415) 347-7771, Fax: (415) 347-1073
Jesse D. Yohanan, Chairman; Terrence O. Dennison, President; Jacobo Bolivar, V.P.-Operations; Woodrow A. Woodruff, V.P.-Service; Darryl E. Dean, Director-Quality Control; Keith Wild, Director-Maintenance; Robert A. Northy, Director-Flight Control
Equipment: 5 Convair 580's

Wilbur's, Inc. (8F) (P,C,M)
1740 East Fifth Street, Anchorage, AK 99501
(907) 272-6361, Fax: (907) 272-3486
Joseph H. Wilbur, President/Director-Operations; Anne B. Wilbur, Secretary/Treasurer; Alden Mowry, Senior V.P.; Steven A. Wilbur, Vice President/General Manager; Alan Larson, Director-Maintenance
Equipment: 3 Cessna 402's, 3 Piper Senecas

Wings Airways (WQ) (P,C)
Wings Field, Blue Bell, PA 19422
(215) 646-1800, Fax: (215) 828-6405
Fred Berkobin, President; Dave Gomes, V.P.-Finance; Joseph Woosley, Director-Flight Operations; John Penzone, Director-Maintenance; Richard Borowski, Manager-Customer Services
Equipment: 3 Britten Norman Islanders, 2 Britten Norman Trislanders, 1 deHavilland Twin Otter

Wings of Alaska Airlines (SE) (P,C,M)
Juneau Int'l Airport, 1873 Shell Simmons Drive Juneau, AK 99801
(907) 789-0790, Fax: (907) 789-2021
Robert Jacobsen, President/CEO; Michael Fenster, Vice President/ COO; Karen Hansen, V.P.-Marketing; Russell Shaub, Director-Operations; Douglas Baver, Director-Maintenance; Diana Donohue, Director-Finance; George Coulter, Chief Pilot
Equipment: 5 Cessna 206's, 4 Cessna 207's, 3 deHavilland Beavers

Wings West Airlines, Inc. (AA*) (P,C)
(Subsidiary-AMR Corporation)
(dba American Eagle)
P. O. Box 8115, San Luis Obispo, CA 93403-8115
(805) 541-1010, Fax: (805) 541-2881
John A. Selvaggio, President; Ron Stotz, V.P.-Technical Projects; Gene Hall, V.P.-Planning; Joanne Dowty, V.P.-Marketing; Robert Zoller, V.P.-Operations; Rick Shellnutt, V.P.-Maintenance
Equipment: 30 Fairchild Metros, 4 Beech 99's

WRA, Inc. (8R) (P,C)
Route 1, P. O. Box 483C, Morrisville, NC 27560
(919) 840-0588
Warren H. Wheeler, President/Chief Pilot; Anthony Parker, Vice President; Charles Caudill, Maintenance Coordinator
Equipment: 1 Beech King Air

Wrangell Air Service (4W) (P,C)
P. O. Box 847, Wrangell, AK 99929
(907) 874-2369
Dan Baldwin, Sr., President/Chief Pilot; Ann Baldwin, Vice President
Equipment: 2 Cessna 185's, 1 Cessna 207, 1 Piper Seneca

Wright Air Service, Inc. (8V) (P,C,M)
P. O. Box 142, Fairbanks, AK 99706
(907) 474-0502
Robert Bursiel, President; Linda Bursiel, Secretary/Treasurer
Equipment: 3 Piper Navajos, 2 Cessna 207's, 1 deHavilland Otter, 1 Cessna 206

Yute Air Alaska, Inc. (4Y) (P,C,M)
P. O. Box 890, Dillingham, AK 99576
(907) 842-5333, Fax: (907) 842-1001
Scott Bailie, President; Dave Dickey, Director-Maintenance; William Johnson, Assistant Director-Operations; Demptha Bingman, Secretary/Treasurer; Mel Kitchen, Chief Pilot
Equipment: 6 Cessna 207's, 3 Piper Navajos, 2 Piper Cherokee Sixes, 1 Cessna 185, 1 deHavilland Beaver, 1 deHavilland Otter, 1 Grumman Goose

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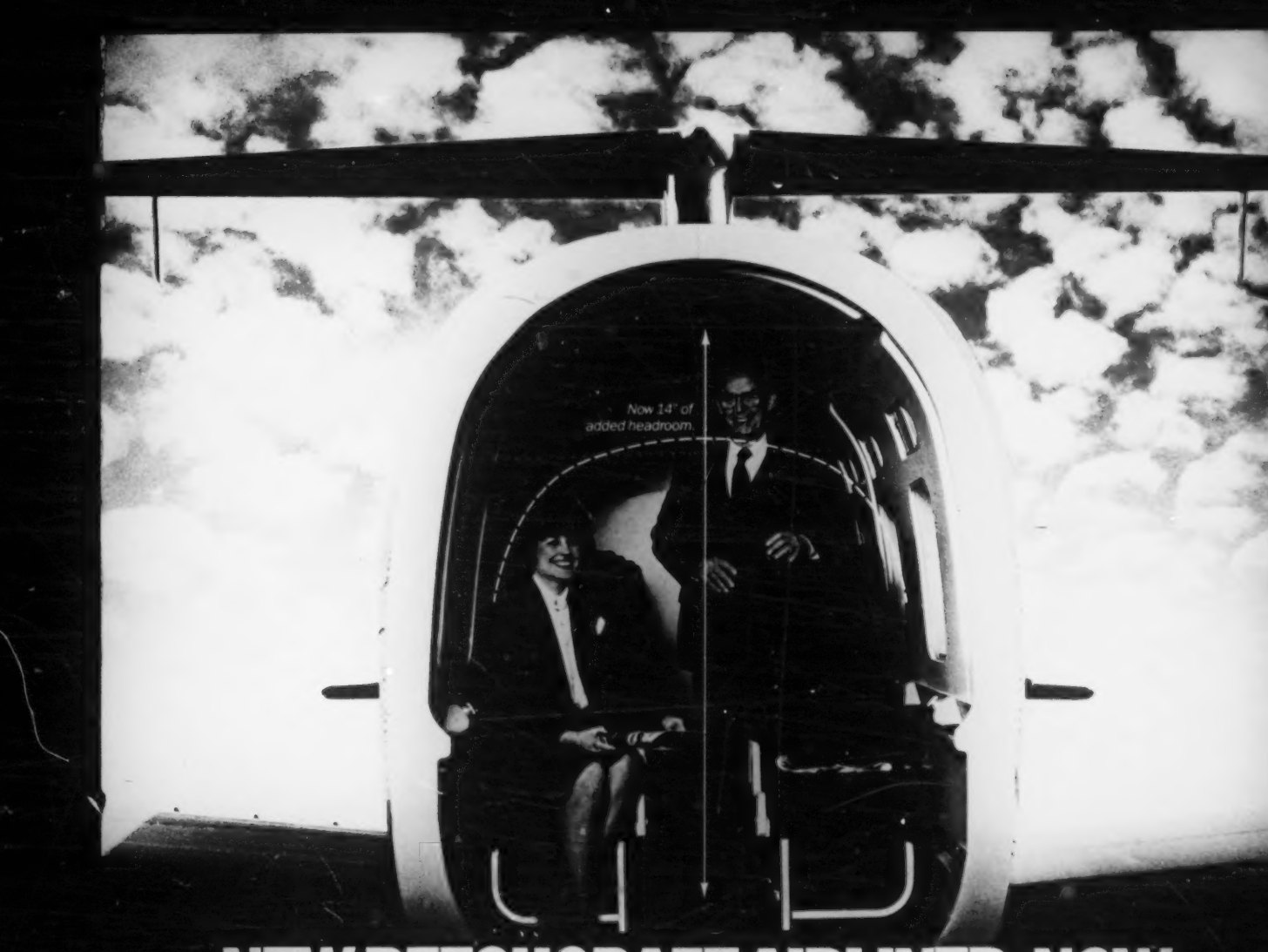

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RAA Representative: Marshall Turner
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14062 Denver West Parkway, Suite 103
Golden, CO 80401
RAA Representative: Michael J. Boyd
303/278-4902

ASTI is the leader in airline-specific employee training and management development programs. ASTI training programs have been proven effective at airlines throughout the U.S. and Canada.

ASTI is a division of Regional Airline Management Systems, Incorporated, a leading research and consulting firm providing management assistance to airlines and aviation-related companies. This expertise has been brought to bear in developing the finest, most cost-effective training programs available today.

The professional staff at Airline Services Training have hands-on experience in virtually all areas of airline operations and management. This extraordinary pool of knowledge and expertise has been brought to bear in developing training programs which are designed to achieve results. ASTI's programs are the first and only ones which address the specific training needs of each client.

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Airport Terminal Services, Inc.
P.O. Box 10265
St. Louis Lambert Int'l Airport
St. Louis, MO 63145
RAA Representative: Joseph Giubardo
314/426-9115

As a wholly owned subsidiary of Trans World Airlines, Airport Terminal Services, Inc. is an airline service company with the capability of handling both wide and narrow bodied aircraft with services including ticketing, security screening, skycaps, aircraft fueling, baggage/freight handling, and aircraft interior grooming. ATS also performs ground equipment sales, refurbishing and facility services such as custodial and building maintenance. At its corporate headquarters in St. Louis, ATS has been the airline service contractor since 1976, and has similar operations in Ft. Myers, Jacksonville, and West Palm Beach, Florida; Dallas Ft. Worth, Texas; Ontario, California; and Tucson, Arizona. ATS' current expansion plans call for several additional operations to be opened in 1989. On February 1, 1989 ATS will open another station in Portland Oregon.

Airsoft Div. of Helikopter Service A/S
1661-E Camelback Rd., Suite 250
Phoenix, AZ 85016
RAA Representative: John Cressman
602/234-2866

The Airsoft Inc./Division of Helikopter Service A/S is the Developer of the Airsoft System, an on line, fully integrated, automated aviation maintenance and flight operation software system. The Airsoft System is menu driven, user friendly, and able to support a mixed fleet of an unlimited number of aircraft. It has the ability to handle multiple maintenance programs for fixed wing - jet and propeller driven aircraft and helicopter operations simultaneously. The newly completed work order/third party maintenance module is fully integrated into the Airsoft system and ready for immediate installation and demonstration. The Airsoft system now operates on the IBM A/S400, as well as the IBM S/38.

Airtronics South/Avionics Sales
3580 Pierce Dr.
Atlanta, GA 30341
RAA Representative: Scott James
404/455-0348, 800/458-6177

Avionics, instruments, electronic accessory sales and service. Also stocking rotable parts for Beech Turboprops, BAe 31 Jetstream and Shorts. Specializing in fleet operators. Currently working with over fifteen regional's. 24 hour AOG service.

Associate Member Directory

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Millville Municipal Airport
Millville, NJ 08332
RAA Representative: Ray Compari
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Alden Electronics, Inc.
40 Washington St.
Westborough, MA 01582
RAA Representative: Kevin P. O'Reilly
617/366-8851

Alden Electronics, Inc. manufacturers the Alden Color Weather Radar Display Systems, Series C2000. These systems acquire precipitation images from powerful National Weather Service radars located nationwide. Real time images of precipitation are shown on the color monitor in six different color levels.

The Model C2000M is a low cost system that displays one picture, has operator range control (200, 100, 50 and 25 nautical miles) and an auto dialer.

The Model C2000R can display from 16 to 64 pictures, has a zoom, pan and scroll capability, operator range control, programmable auto dialer, regional compositing of multiple radar images and time lapse looping of images.

Alden Electronics also has a diversified product line of weather recording and display systems.

Alexander & Alexander, Inc.
220 East 42nd Street
New York, NY 10017
RAA Representative: Joseph M. Rosenthal
212/973-4200

Alexander & Alexander is a major international insurance broker with more than 200 offices in 75 countries. Its experienced aviation staff provides comprehensive insurance programs tailored to the varied needs of its clients, be they regional, national or major airlines or specialized manufacturers. The firm's depth in the U.S., Canada and the U.K. allows Alexander & Alexander personnel immediate access to both North America markets and Lloyds of London brokers and ensures clients constant assistance and attention.

Algemene Bank Nederland N.V.
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Chicago, IL 60690
RAA Representative: Marvin D. Juliar
312/443-2900

ABN Bank, the largest bank of the Netherlands, has established an international network of branches and affiliates in 42 countries on five continents, including offices in nine cities in the United States and three in Canada. Aviation specialists located in Chicago are ready to serve the needs of the aviation industry.

Allen Corporation of America
1213 Jefferson Davis Hwy, Suite 1400
Arlington, VA 22202
RAA Representative: Robin Savio
703/769-4925

Allen Corporation provides training services and in-service engineering for simulators and training devices. As a division of CAE/Link Training Systems, Allen provides all non-manufacturing support for aviation training systems which includes conventional courseware development, interactive courseware development, computer based training, software support, systems integration and instructional presentation. Allen has over 12 years experience providing aviation training services to military and commercial customers. The Allen Division has over 900 personnel in the following areas: 300 courseware developers, 200 engineers and system analysts, 200 software engineers and programmers, 150 training analysts and technicians, 50 instructors and 50 support personnel.

Allison Gas Turbine Division GMC
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Indianapolis, IN 46206-0420
RAA Representative: Dr. A.S. Novick
317/230-5786

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377 Route 17
Hasbrouck Heights, N.J. 07604
RAA Representative: Francis P. Brown, CPCU
800/526-0415
Branch Office: Longfellow Landing
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RAA Representative: Paul Amstutz
415/769-9988

Paul Amstutz & Associates specializes in the performance of operator regulatory compliance audits for 135 and 121 operators and Part 145 repair stations. Additional services provided are the development of customized policy manuals, aircraft maintenance programs, aircraft records retention and retrieval systems and the development of reliability programs.

APEX Aviation Group
601-2 Harwood Drive
Suite 132
Bedford, TX 76021
RAA Representative: Vic Cason
817/488-4558 (FAX: 817-488-0227)

Worldwide supplier of P&W PT6, Garrett TPE 331 engines, engine parts and accessories for outright purchase, exchange or lease. Same available for JT-15 and TPE-731 turbofan engines. Aircraft and engine leasing. Also doing business as Avcom Technologies, specializing in the manufacture and repair of airborne radomes and other composite assemblies.

Arthur Andersen & Co.
33 West Monroe Street
Chicago, IL 60603
RAA Representative: Byron F. Johnson
312/507-7289

Arthur Andersen & Co. is a certified public accounting firm providing services to the airline industry in accounting and auditing tax services and management information consulting.

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51 John F. Kennedy Parkway
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RAA Representative: Brian McBride
201/379-0800

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ATC Flight Simulator Co.
1650 19th Street
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RAA Representative: Martyn S. Craig
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RAA Representative: John S. Buckley
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Telex: 440281 ATR

Aerospatiale is the manufacturer, with Aeritalia, of the 48 seat ATR 42 aircraft and the 66 seat ATR 72 aircraft. The ATR 42 is powered by the PW120, while the ATR 72 uses the PW124 variant of these fuel efficient engines. ATR Marketing, Inc., is the North American marketing representative for these aircraft.

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Box 7086
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RAA Representative: Roger Sickler
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Aviall provides a total service and support program with specializations including overhaul and repair services on the PT6A, Dart, Spey, JT8D and JT15D engines and accessories, and Allison 501 (A501). Also offered are Field Service and Troubleshooting support, Hot Section Inspection services, engine accessory and component exchanges, engine management and monitoring programs, parts repair development, on-site training courses in turbine maintenance, and maintenance supervision - Satellite repair facilities with PT6 and JT15D capability are strategically located to support the Regional/Commuter Airline community. Additionally, spare parts are available through parts distribution centers located at 41 cities throughout the free world.

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P.O. Box 8062
McMinnville, TN 37110
RAA Representative: Rachel Killebrew
615/473-8616

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Aviation Daily
1156 15th St., NW
Washington, D.C. 20005
RAA Representative: Michelle Stewart
202/822-4669

A newsletter for intelligence within the commercial aviation industry. It provides daily coverage of commercial air transportation worldwide, including operations and strategies of airlines, regulation of air transportation by government, industry's relationship with labor and financial institutions.

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Dallas, TX 75235-2841
RAA Representative: John P.S. Leigh
214/353-1400
Telex No. 73-363
Fax No. 214/353-1417

Aviation Office of America, Inc. maintains complete underwriting facilities for all forms of aviation insurance including airline, products manufacturers and airport operations.

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Miami, FL 33122
RAA Representative: John P. Yurgealitis
305/592-4005

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Aviation Training Systems
3122 Lindenwood
San Angelo, TX 76904
RAA Representative: James Burgess
915/944-9702

Aviation Training Systems (ATS) is a company that can fulfill all of the FAR 135 Carrier training needs. Our services include a full spectrum of services that includes both a Continuous or Customized support programs which are designed to exceed all FAA training requirements. ATS can also convert FAR 135 Training Programs to FAR 121 Training Programs which will exceed or meet all FAA requirements. ATS can provide instructor training for ground training platform instructors and Methods of Instruction for Instructor Pilots.

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- Designing/Write Ground or Flying Training Syllabus
- Design/Write Lesson Plans
- Design/Write Instructor Guides
- Design Visual Aids
- Design/Write Classroom Materials
- Develop Standardized Tests
- Design Manual or Automated Training Tracking System
- Continuous Support Program
- Training Program Conversion
- Instructor Training

Associate Member Directory

Avion Systems, Inc.
Leesburg Air Park Business Center
751 Miller Drive, S.E.
Leesburg, VA 22075
RAA Representatives: Richard W. Groux, N.C. Donnangelo
703/777-8672

Avion Systems, Inc. ("Avion") has been engaged in the design and manufacture of highly sophisticated flight safety products for the aviation industry worldwide.

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Dallas, TX 75225
RAA Representative: Geoff Plesa
214/956-4900

Aviparts, Inc., a Ryder System Company, buys, sells, and leases turbine engines and engine components. Products supported are PT6, TPE-331, Dart, Spey, JT3, JY8, JT9, CF6, RB211.

Avitech Engineering Corporation
2130 Adams Avenue
San Leandro, CA 94577
RAA Representative: Don Connors
415/562-2811
800/227-1850

Avitech Engineering Corporation provides overhaul and repair services for a wide variety of accessories and components used on Regional Airline Aircraft. Avitech is a Factory Authorized Repair Station and Distributor for many component manufacturers. Avitech specializes in the servicing of the following:

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RAA Representative: John A. Timmins
416/361-6480

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AVMARK, Inc.
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RAA Representatives: Lan Thomas & Steven Horner
703/528-5610

AVMARK, Inc. provides aviation management consulting, aircraft appraisal and valuation services, and publishes industry related journals. In the commuter/regional field AVMARK offers management, marketing, operations and maintenance assistance. Areas of specialization include route and market evaluations and planning, business and marketing plans, DOT fitness and FAA operating certificate filings, code-sharing and major carrier ownership issues, traffic, capacity and fleet forecasting, and new entrant start-up assistance. AVMARK clients include airlines, manufacturers, law firms, media, associations and governments. AVMARK sponsors three annual conferences on the aircraft industry. AVMARK maintains offices in Washington, DC, London and Hong Kong.

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Baker Audio/Telecom
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213/228-3443

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San Francisco, CA 94111
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415/622-7183

Barclays Bank PLC
Aerospace Industry Unit
Barclay Bank Building
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RAA Representative: William T. Powers
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RAA Representative: Edd Smith
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RAA Representative: Brad Teel
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RAA Representative: Mike Mays
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RAA Representative: Chester J. Schickling
316/681-7069

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Bendix/King
400 North Rogers Road
Olathe, KS 66062
RAA Representative: Bob Hanson
913/782-0400, Ext. 2396

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Canada
RAA Representative: John Giraudy
416/633-7310

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312/310-9300

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8133 Leesburg Pike
Suite 605
Vienna, VA 22182
RAA Representative: David Bornemann
703/821-6848

Bornemann Associates is an aviation automation consulting firm founded in 1978 to provide professional consultation and software development services to regional and international carriers. Personal computer (PC) software is available in the areas of flight schedule development, crew planning, flight dispatch, and pilot training records. A mainframe-based crew management system is also available. Consulting services are offered in the areas of computer feasibility studies, hardware selection, data processing audits, flight crew productivity, and management organization. Office locations are Vienna, VA (near Washington's Dulles); Los Angeles, CA and Houston, TX.

The Boyd School
Wilma Boyd Career Schools, Inc.
One Chatham Center
Pittsburgh, PA 15219

Concourse Tower II,
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British Aerospace, Inc.
P.O. Box 17414
Dulles International Airport
Washington, D.C. 20041
RAA Representative: Ken Denyer
703/478-9420

British Aerospace, Inc. (BAe) provides sales and support for a family of short haul airliners including the 19 seat Jetstream 31, the 64 seat ATP, and the 70-130 seat 146 Feederliner models. BAe also provides spares support for the Shorts 330/360 and A300/310.

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Alex. Brown & Sons Incorporated
135 East Baltimore St.
Baltimore, MD 21202
RAA Representative: Charles Bryan
301/727-1700

Alex. Brown & Sons is a full service investment banking firm that provides financial services to institutions and individuals and provides investment banking services for corporate and municipal clients. Alex. Brown focuses on eight industry segments that are characterized by rapid growth or change due to technological, sociological or regulatory factors. These sectors include transportation, computer technology, health care, consumer financial services and environmental services. Alex. Brown provides corporate finance and merger & acquisition advice for companies in these selected industries.

W. Brown & Associates Insurance
4675 MacArthur Ct., #770
Newport Beach, CA 92660
RAA Representative: W. Scott Brown
714/851-2060

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Bromon Aircraft Corporation
4085 Nevso Dr.
Las Vegas, NV 89103
RAA Representative: Joseph W. Wear
702/362-3872

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Business and Commercial Aviation
Hangar C-1 Westchester County Airport
White Plains, NY 10604
RAA Representatives: John W. Olcott and David W. Ewald
914/948-1912

A business magazine that covers all business and commercial phases of aviation, B/CA now features a bi-monthly commuter insert, B/CA COMMUTER magazine, designed specifically for the informational needs of commercial operator management.

Byrne, Kiely & White
1120 Lincoln Street, Suite 1300
Denver, CO 80203
RAA Representative: Thomas J. Byrne
303/861-5511

Aviation attorneys.

Associate Member Directory

Camp Systems, Inc.
Long Island MacArthur Airport
Ronkonkoma, NY 11779
FAX NO: 516/588-3294
TELEX NO:14-4577 CAMPSYS RKNK
RAA Representative: Robert B. Leonard
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Canadair, Division of Bombardier Inc.
P.O. Box 6087
1800 Laufentian Blvd.
St. Laurent, P.Q., Canada H4R 1K2
RAA Representative: Eric McConachie
514/744-1511
FAX: 514/744-6586

Founded in 1944 and now a division of Bombardier Inc., Canadair Inc. has manufactured over 4,100 civil and military aircraft including nearly 600 supersonic jets. Canadair currently produces the Challenger 601-3A intercontinental widebody business jet, the CL-215 multirole amphibian, the CL-289 unmanned surveillance system, several aircraft components for major U.S. and European aerospace companies, and provides engineering and technical support services for various military aircraft including the CF-18 fleet. Under development is the CL-215T, a turboprop version of the CL-215 amphibian; the CL-227 Sentinel remotely piloted vehicle, to enter production following customer evaluation trials in 1989 and the Canadair Regional Jet, a stretched 48/52 passenger derivative of the Challenger 601 aircraft. Canadair RJ will introduce for the first time turbofan speeds, reliability and excellent operating economics to the regional airline industry.

Canadian Marconi Company
2442 Trenton Avenue
Montreal, Quebec
Canada H3P 1Y9
RAA Representative: Henry Schlachta
514/341-7630

CMC are involved in the design, development, manufacture and support of high technology electronics equipment directed to the aerospace, communications, radar, and specialized components markets. Avionics Division has supplied avionics equipment to the world's airline, military and general aviation users. The commercial Avionics Products group offers a variety of products such as CMA-734 and CMA-771 Omega Navigation System (ONS). CMA-734 Arrow Omega Navigation System, CMA-771 and CMA-900 Navigation Management Systems, CMA-764 Omega Sensor System, CMA-774 GPS Navigation System, as well as ground and airborne CMA-2000 Microwave Landing System (MLS).

Captive Air
2909 Thorton Avenue
Burbank, CA 91504
RAA Representative: James Barker
818/848-6667

Captive Air is involved in the repair and overhaul of aircraft accessories. Complete hydraulics, electrical, electro mechanical, pump, and landing gear departments are maintained under FAA repair station No. 4070. The company is a division of Jay-Dee Aircraft Supply which is the manufacturer of Convair 580 airframe parts and also has a FAA approved sheet metal repair shop.

CASA Aircraft USA, Inc.
14102 Sullyfield Circle, Suite 200
Chantilly, VA 22021
RAA Representative: David E. Pearson
703/378-2272

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Castleberry Instruments & Avionics, Inc. (a subsidiary of the BF Goodrich Company)
National Headquarters:
817 Dessau Road
Austin, TX 78753
RAA Representative: David Vorsas
512/251-3441
Telex: 76-7130
Fax: 512/990-1271
U.S. Regional Service Center:
1742 N.W. 69th Ave.
Miami, FL 33126
305/594-2963
Telex: 362214
Fax: 305/594-6923

Castleberry Instruments and Avionics specializes in the instrument requirements of regional airline operators. Capabilities include sales, service, exchange and overhaul of regional airline instrumentation. Castleberry's technical expertise is not limited solely to the service of instruments and avionics. Castleberry distributes the A.I.M. product line, which features attitude gyros for the regional airlines. Castleberry also manufactures pitot-static testers for regional and commercial airlines.

CFE Company
Post Office Box 5274
Phoenix, AZ 85010-5274
RAA Representative: Ed White
602/231-3285

The CFE738 turbofan is a joint venture of GE Aircraft Engines and Garrett Engine Division, a unit of Allied-Signal Aerospace Company. The CFE738 represents a blend of the latest advances in modern engine technologies and the extensive experience and resources of two of the world's leading suppliers of engines to the airline industry.

Champion Spark Plug Company
P.O. Box 910
900 Upton Avenue
Toledo, OH 43661
RAA Representative: Stanley R. Fletcher
419/535-2465
Telex: 286480 CHAMPION TOL

Aircraft Spark Plugs, Turbine Igniters & Ignition Systems and Oil Filters.

Charter Services, Inc./CSI Military Services
Corporate Office
3700 Rio Grande Blvd., N.W.
Albuquerque, NM 87107
RAA Representative: Thomas C. Bailey, Jr.
505/761-9000
ARINC: ABQCSCR
Telex: 6501528378MCI UW

Company arranges and contracts commercial charter operations and provides marketing services and operations and service support to air carriers. The company also provides military contracting services to air carriers through its CSI Military Services Unit in Falls Church, Virginia.

Chelton, Inc.
P.O. Box 976
698 Metro Park Circle
Lewisville, TX 75067
RAA Representative: Jeffery Salata
214/221-1783

The distributor and manufacturer of Antenna Systems, Static Dischargers, Portable Testing Equipment, and anti-static paint.

Chrysler Asset Management Corp.
100 Ashford Center North, Suite 120
Atlanta, GA 30338
RAA Representative: Larry Scott
404/392-6769
Fax: 404/392-2178
Aircraft finance and leasing (leverage, single investor and operating leases).

Chrysler Pentastar Aviation
824 Willow Run Airport
Ypsilanti, MI 48198
RAA Representative: Steve Blackstone
313/482-8700
Chrysler Pentastar is a full service aviation support facility specializing in regional airline support with overhaul capabilities of Jetstream 31/Gulfstream 1 Landing Gear, Bandeirante Flap System Components, Convair 240 thru 640 components, Starters, generators, AC/DC Hydraulic Pumps, Motors and Actuators, Pneumatic Valves, Regulators and Actuators, Wheels and Brakes-Corporate and Airline, Life Vest/Raft Sales and Recertification Fuel Pumps and Valves.

The Coca-Cola Company
P.O. Drawer 1734
Atlanta, GA 30301
RAA Representative: Bill Overend
404/676-6306
Coca-Cola USA offers a wide range of high quality beverages. Bottlers sell Coca-Cola, Coca-Cola Classic, Diet Coke, Caffeine Free Diet Coke, Sprite, Diet Sprite, Fanta Brand Mixers. The Foods Division offers chilled Minute Maid orange juice.

Collins Avionics
400 Collins Road NE
Cedar Rapids, IA 52498
RAA Representative: John R. Wilson
319/395-4005
Collins Avionics manufactures a complete line of advanced avionics for regional airline aircraft applications around the world. Collins Avionics products aboard these aircraft include communication, navigation, flight control, flight displays, weather radar and associated products. The Collins TWR-850 is the only solid-state turbulence weather radar available to regional airline operators, and offers significant operational advantages compared to conventional radar. Special Collins support programs are offered for regional airlines, and Collins support and repair facilities are strategically located worldwide.

Colorado Aero Tech
10851 W. 120th Ave.
Broomfield, CO 80020
RAA Representative: W.C. Bottoms
800/888-3995
Offer training for A&P certificate over a 16 month program. Classes start every 5 weeks with openings on all three (Mids-Days-Swings) shifts.
In July 1989 a new Avionics Program will be offered. This 18 month program will provide the student with basic understanding of aircraft electronics.

Commuter Air Magazine
Publisher's Office:
4425A Forbes Blvd.
Lanham, MD 20706
301/731-0157
Publisher: John F. Gorsuch

Editorial offices:
6225 Barfield Road
Atlanta, GA 30328
404/256-9800
Editor: Greg Landers
RAA Representative: John F. Gorsuch
COMMUTER AIR magazine is the only monthly publication edited exclusively for the commuter/regional airline industry world wide. Its editorial direction provides in-depth coverage of the people, products and regulatory changes affecting the industry. Feature articles focus on business categories including air frames, engines, avionics, maintenance, ground support, in-flight services, finance, computers, and more. Regular monthly departments include new products, management changes, Washington Wire, calendar and airline statistics.

Commuter Air Transports
14700 No. Airport Drive, Suite 231
Scottsdale, AZ 85260
RAA Representative: N. Keith Nickels
602/951-6288
Fax: 602/998-1239
Manufacturing, Sales and Support of the CATPASS 200. This 15 place/13 passenger Commuter is certified under the stringent FAR Part 135 Appendix A. Configured from the popular King Air 200, the CATPASS 200 offers low acquisition and operating cost to provide the operator with maximum profitability and Worldwide passenger apneal. Aircraft are delivered with custom high density interiors, custom paint, Zero time engines, Cargo Pod, Wing Lockers, Fresh Five year and long form inspections, New 4-Bladed Props, and a host of additional standard and optional equipment designed specifically for the Commuter/Regional Carrier.

Commuter/Regional Airline News
1925 North Lynn Street, Ste 304
Arlington, VA 22209
703/522-2354
Editor: Kelly Q. Murphy
Publisher: Joseph S. Murphy
C/R News is published weekly and is the only high-frequency publication devoted exclusively to the commuter/regional airline industry and the news affecting it. An independent publication established in 1982, C/R News has become the prime source of commuter/regional industry intelligence for Airlines. Media Associates, publishers of C/R News, also publishes Airline Financial News covering worldwide airline finance.

Commuter World/The Shephard Press
111 High Street
Burnham Bucks
SL1 7JZ England
RAA Representative:
Publisher/Editor Alexander Shephard
Deputy Editor: Mark Pilling
Burnham (6286) 4311
Telex: 846575
Fax: (6286) 64334
COMMUTER WORLD is published bi-monthly and provides credible and detailed international coverage of the commuter, regional and short-haul industry. Our circulation of 11,400 (ABC audited) is carefully controlled to ensure we reach key decision makers. The Shephard Press also publishes HELICOPTER WORLD, DEFENCE HELICOPTER WORLD and SPACE.

Concord Asset Management, Inc.
155 Sansome St., Suite 300
San Francisco, CA 94104
RAA Representatives: Glen Langdon & Rudy Tenore
415/989-4213
Concord provides funding to support true operating leases of regional and/or commuter aircraft for terms ranging from two (2) to ten (10) years. All aircraft currently in the portfolio are used subject to leases with foreign and/or domestic airlines.

Conoco Inc.
600 N. Dairy Ashford Rd.
Post Office Box 4784
Houston, TX 77210-4784
RAA Representative: Dennis Neff
713/293-1534
Supplier of Jet Fuel, and Av-Gas.

Consolidated Instrument & Avionic Inc.
Teterboro Airport
Teterboro, NJ 07608
RAA Representative: O. Johannessen
201/288-1189
Airline, Corporate Aircraft and General Aviation instrument & avionic service covering over 2000 components.

Construcciones Aeronauticas SA (C.A.S.A.)
Rey Francisco, 4
Spain
Madrid 28008
RAA Representative: Carlos Grandal
Telex No.: 27419
CASA was founded in 1923 and it has been manufacturing several types of aircraft since that time.
For the commuter market, CASA manufactures the C-212 Aviocar Passenger/Cargo Aircraft, powered by two Garrett TPE-331-13. The C-212 is able to carry up to 28 passengers and is marketed by CASA USA Inc., in the United States.
CASA also manufactures the CN-235 aircraft, pressurized turboprop powered by two GE CT7-9 engines and able to carry 44 passengers.

Associate Member Directory

Continental Airlines
2929 Allen Parkway
Suite 1900
Houston, TX 77019
RAA Representative: Lance Perrin
713/639-2537

Crowell & Moring
1001 Pennsylvania Avenue, N.W.
Washington, D.C. 20004-2505
RAA Representative: Calvin Davison
202/624-2500

Lawyers at Crowell & Moring, a large, diversified Washington law firm, specialize in most phases of aviation law, including regulatory, litigation and legislative matters. Most regulatory work is before the Department of Transportation and the Federal Aviation Administration, but includes practice before other Federal agencies. Crowell & Moring lawyers also have substantial experience in international aviation matters, postal rate and contract issues, and airport access litigation.

D'Accord Financial Services, Inc.
633 Battery Street
San Francisco, CA 94111
RAA Representative: Bruce Shipman
415/981-3812

D'Accord is a privately-held financial services company specializing in arranging lease financing for various capital equipment, principally commercial aircraft. As financial advisor to many companies in the airline industry (major airlines and regional/commuters and manufacturers), D'Accord uses its knowledge of structuring techniques, lease terms and conditions and close lessor/lender relationships to complete tax-oriented financing. D'Accord has pioneered several innovative financing structures and developed a complex lease versus buy model which enables D'Accord to provide a full range of advisory services in the capital asset financing arena.

Daniel Systems, Inc.
4391 NW 150th St.
Opa Locka Airport
Opa Locka, FL 33054
RAA Representative: Robert E. Brooks
305/685-6286

Aviation software programs/systems for Maintenance, Spares/Inventory, Flight Logs, Flight Operations, Trips & Crew Planning, Passenger Reservation System, Ground Support Equipment Maintenance & Inventory, General Accounting Systems. FAA inspection programs for FAR 91 and 125 Transport category aircraft.

Dash Group, Inc.
2913 Windmill Road
Bldg 3, Suite 7
Reading, PA 19608
RAA Representative: Gary Klock
215/670-1441

Software solutions of the aviation industry are supplied by the DASH GROUP, INC. Packages offered include Revenue Accounting, Ticket Auditing, Maintenance, Operations, Flight Following, Inventory, Job Costing, Fixed Assets, Purchasing, Accounts Receivable, Accounts Payable, Payroll/Personnel and General Ledger. Other systems include Charter Accounting and Quotations, Freight Revenue Accounting and Fuel Management, Crew Bid & Flight Scheduling.

Deloitte Haskins & Sells
3000 Commerce Tower, 911 Main St.
Kansas City, MO 64105
RAA Representative: Richard B. Green
816/842-4100

Deloitte Haskins & Sells is an international certified public accounting firm offering services in accounting, auditing, tax, and management consulting. The firm's Airline Industry Group serves a number of international and domestic airlines, including many regionals. In 1984, DH&S developed AirPlan-a financial forecasting and planning system for regional airlines.

Delta Air Lines, Inc.
Hartsfield Atlanta International Airport
Atlanta, GA 30320
RAA Representative: Richard Lowry
404/765-2628

Delta enters 1989 with the most modern aircraft fleets in the industry, having added the Boeing 767-300 to service in December 1986 and anticipating the arrival of the McDonnell-Douglas MD-88 early this year. Delta is committed to continuing a close working relationship with individual commuter carriers in those markets jointly served, and to continue to provide commuter carriers with the Deltamatic reservations system, as well as other innovative marketing and operational support.

Delta continues its program of carefully planned growth in both the domestic and international markets with the addition of Atlanta - Portland - Seoul service in June 1988, with service continuing to Taipei, Taiwan.

As an airline which takes pride in its customer service, Delta again last year (for the 14th consecutive year) achieved the domestic industry's lowest complaint record of all the major airlines, according to Department of Transportation records. Delta for five years in a row, has been voted the first place air carrier in the United States by readers of TRAVEL & HOLIDAY magazine.

Dornier Aviation (North America), Inc.
22455 Davis Drive
Suite 100
Sterling, VA 22170
RAA Representative: John Sterne
703/444-8300

The wide scope of activities of the DORNIER Company range from design and production of regional/utility aircraft and advanced flighter/trainer airplanes to sophisticated aerospace programs, medical equipment, and new technologies.

The 19-passenger DORNIER 228 Commuter aircraft series, incorporates DORNIER's New Technology Wing for higher payloads, lower fuel consumption and improved handling. In the 1990's the new Dornier 328 will further compliment the aircraft program, offering 30-33 passengers more speed and greater comfort than ever before. Dornier continues to set new standards of aircraft performance, comfort and economy.

Douglass Interior Products
2000 - 124th Ave., NE
Bellevue, WA 98005
RAA Representative: Ronald B. Douglass
206/455-2120

Distribution and sales of FAR qualified aircraft cabin interior materials: carpet, upholstery fabric, genuine leather, etc.

Dowty Aerospace Corporation
Product Support Division
P.O. Box 5000, Sully Road
Sterling, VA 22170
FAA Repair Station #1295
RAA Representative: W.M. Brockie
703/450-8200

This U.S. full service company provides product support, repair and overhaul for Dowty equipment - propellers, landing gear and hydraulic units for the BAe 146, 748 & Jetstream 31, Convair 600, 640, Dash 8, F-27, FH-227, F-28, Gulfstream I, Metro III, SF-340, Shorts 330 & 360 and YS-11.

Messier-Hispano-Bugatti equipment - landing gear and hydraulic on the ATR-42.

DAC also repairs and overhauls Non-Dowty equipment such as Jetstream, Boeing 727 & 737 landing gear; flap transmissions, and actuators.

In house capability for NDT, machining shot peening and plating.

Duncan Aviation, Inc.
Municipal Airport
P.O. Box 81887
Lincoln, NE 68501
RAA Representative: Larry L. Collier
402/475-2611

Duncan Aviation, Inc. is a full service aviation sales and support facility servicing both general aviation and the airlines. Services provided are aircraft sales; fuel sales; parts sales; aircraft maintenance; avionics and instrument repair and overhaul;

and aircraft modifications. Other specialties are turbine engine repair and overhaul; accessory repair and overhaul; propeller shop; and technical service representatives.

Duncan's avionics, instrument, and accessory departments are one of the largest in the country with over 80% ship-in units. Try our quick turn around and free loaners.

Aircraft modifications specialize in aircraft painting; design, installation, and certification of avionics systems, auxiliary power units, entertainment systems, cabinets, and interiors. Paint dry stripping is now available for your aircraft.

The Law Offices of Michael Dworkin
One Embarcadero Center, Suite 370
San Francisco, CA 94111
RAA Representative: Michael L. Dworkin
415/433-1321

Law office specializing in aviation matters-including FAA/NTSB/DOT; airport use and access; insurance; aircraft and equipment acquisition and disposal; contract services; and certification.

Eastern Airlines, Inc.
Miami International Airport
Miami, FL 33148
RAA Representative: Rick Blake
305/873-6150

Eastern Airlines operates a fleet of modern jet aircraft throughout North and South America. Its route system covers more than one hundred cities in the U.S., Canada, Bermuda, the Bahamas, the Caribbean, and thirteen countries in South and Central America. Eastern coordinates services with commuter airlines throughout this broad area because it recognizes the value of commuter airlines in providing timely connecting service to the Eastern system. Additionally, through its Flight Support Services Division, Eastern makes available to all commuter affiliates a comprehensive enroute aeronautical VHF and HF communication network on a subscription basis.

EBA, Inc., The Blalock Assoc.
P.O. Box 814782
Dallas, TX 75381
RAA Representative: Mark D. Blalock
214/699-3947

EBA Inc., The Blalock Associates is an aerospace and industrial product and service firm. Activity in the aerospace markets relate to the manufacture, sales and marketing of aviation ground support equipment. EBA's Aercart line of ground environmental units provide ground cooling/heating to corporate, commuter and military aircraft. The PowAercart GPU provides 28 DC ground power at up to 2000 amps peak and is ideal for regional/commuter aircraft. EBA Blalock also offers the HydrauliCart hydraulic test systems and pressurization test systems. Other EBA products include 400 Hertz Frequency converters, 28 Volt DC Rectifiers, ducting lavatory cart ducting, fuselage air connectors, and most major GSE engine spare parts.

EMBRAER Aircraft Corp.
276 S.W. 34th St.
Ft. Lauderdale, FL 33315
RAA Representative: Newton Berwig
305/524-5744

With nearly 500 EMB-110 BANDEIRANTE aircraft delivered worldwide, EMBRAER has further enhanced its position as a market leader with its pressurized 30 passenger turboprop the EMB-120 BRASILIA. Industry response to this aircraft has been remarkable. As of February 15, 1989, 110 aircraft have been delivered, 214 aircraft ordered and 152 aircraft optioned worldwide.

EMBRAER is actively marketing another innovative aircraft: the CBA-123, a new generation pressurized pusher propfan that brings a new concept to the 19 passenger segment of regional airlines. The CBA-123 will incorporate many of the features of the 30 seat EMB-120 BRASILIA, and will, for the first time, bring the highest safety standards to a 19 seat airliner: FAR Part 25 transport category certification. Sales, Customer Service and Product Support in North America are provided by EMBRAER AIRCRAFT CORPORATION in Ft. Lauderdale, Florida.

Fairchild Aircraft Corporation
P.O. Box 790490
San Antonio, TX 78279-0490
RAA Representative: Jim Foody
512/824-9421

Fairchild specializes in the manufacture of 19-passenger turboprop Metro III commuter airliners as well as Expediter cargo and priority package aircraft, Merlin IVC executive/corporate turboprops and military/special mission aircraft. A total of more than 430 Metro and Expediter aircraft are in operation by more than 50 operators around the world as of December 1988.

Fairchild Aviation Recorders
Box 3041
Sarasota, FL 34230
RAA Representative: Phillip Wright
813/371-0811

Manufacturers of Cockpit Voice Recorders, and Flight Data Recorders, Digital Flight Recorders for Air Transport, Commuter and General Aviation Aircraft.

Field Aviation West Ltd.
P.O. Box 3186, Station B
Calgary, Alberta T2M 4L7 Canada
RAA Representative: D.E. Thomson
403/275-2111

Field Aviation West Ltd's over 200 experienced employees perform inspections, overhauls, major repair and rebuilds, and modifications to the full range of corporate and commuter aircraft. A modern refinishing facility, part of 225,000 square feet of hangars, handles painting for aircraft up 737 size as well as seal manufacturing and refurbishing.

First Bank
Transportation Financing Division
First Bank Place
Minneapolis, MN 55402
RAA Representatives: Sally Laux, Gary J. Perkins, Ronald A. Larson, Weldon J. Smith
612/370-4848

First Bank provides loans and equipment financing to the regional and commuter airline industry. The Transportation Division is closely aligned to Matrix Leasing International Inc., a subsidiary of First Bank. Matrix, one of the leading leasing authorities in the field, offers expertise in creative lease structures. As a team, First Bank and Matrix offer financing options that include single investor leases, vendor and operating lease programs, non-recourse lending, leverage leases, sale-leaseback transactions and other specialized lease programs.

As part of First Bank System, with assets over $24.2 billion, we have access to extensive capital for funding and underwriting transactions. This allows arrangement of creative credit programs to support our client's needs.

Flight Apparel Industries, Inc.
P.O. Box 166 Columbia Road
Hammonton, NJ 08037
RAA Representative: Barry Zeldin
609/561-9200

Flight crew uniforms, cabin personnel uniforms, counter person apparel and line crew clothing. Full line of Nomex flight suits. Authentic G-1 and A-2 leather aviator flight jackets.

Flightplan International
309 Coral Way
Fort Lauderdale, FL 33301
RAA Representative: Kirk Mueller
305/523-0711
FAX 305/523-0038

Provide brokerage, appraisal consulting and asset management services to financial clients and select referrals, provide sales and leasing of aircraft to the Regional Airline Industry.

Flight International
Patrick Henry Airport
Newport News, VA 23602
RAA Representative: J. Gordon James
804/877-6401

Flight International is a 135 charter operator. 121 filing has been made for unscheduled service.

FlightSafety International
300 Metropolitan Square
655 15th Street, N.W.
Washington, D.C. 20005
RAA Representative: E.G. Gleske
202/639-4066

Among the more than 90 simulators operated by FlightSafety are a number for aircraft popular among regional and commuter airline operators. As the author-

ized training organization for Cessna, deHavilland, Fairchild, Gulfstream, Beechcraft, ATR-42, and Piper, these include the Metroliner, SAAB 340, Gulfstream I, 400 Series Cessna Piston Twins, Twin Otter, Dash 7, Dash 8, ATR-42 and Piper Navajo. In 1987, FlightSafety began a $100 million program to manufacture and operate a fleet of Phase II simulators for some of the most popular regional airliners including the Beech 1900, Brasilia 120, Jetstream 31, Dash 8-300, Shorts 360 and Metro III. FlightSafety provides type specific training programs for over 50 different models of aircraft. Maintenance training is provided at most of its 31 Learning Centers.

FLYING Magazine
1515 Broadway
New York, NY 10036
RAA Representative: Richard M. Koenig
212/719-6951

FLYING Magazine's editorial package is concentrated entirely on the aviation market. We serve the regional airline industry with positive and supportive editorial. FLYING Magazine is read by the majority of regional airline industry people on a monthly basis.

Fokker Aircraft U.S.A., Inc.
1199 North Fairfax Street, Suite 500
Alexandria, VA 22314
RAA Representative: Stuart Matthews
703/838-0100

Fokker: Dutch manufacturer of civil and military aircraft for over 60 years. Today specializing in short haul and medium haul commercial markets with the new Fokker 50 - a 50-seat aircraft emphasizing economy, comfort and quality-and the new Fokker 100- a 100-seat fanjet aimed at providing passenger comfort at low cost and an unmatched profit potential. Both ideally suited to performance, economic and passenger appeal requirements of the airlines, and fully backed by comprehensive support facilities.

Ford and Harrison
600 Peachtree-At-The-Circle
1275 Peachtree Street
Atlanta, GA 30309
RAA Representatives: Michael H. Campbell, Thomas J. Kassin
404/888-3800

Los Angeles Office:
10100 Santa Monica Blvd.
Suite 1095
Los Angeles, CA 90067
213/551-1125

Ford & Harrison is a law firm specializing in representing management in the various areas of the law involving personnel and labor matters including the Railroad Labor Act, the National Labor Relations Act, the Fair Labor Standards Act (wage-hour law), the Equal Pay Act, the Age Discrimination in Employment Act, Title VII of the Civil Rights Act, and state laws regulating employment. The firm's practice representing airlines includes counseling on employment policies and practices, handling of representation elections, arbitrations, contract negotiations, discrimination charges, wrongful termination lawsuits and litigation involving these matters under federal and state laws, and handling of matters arising under the Federal Aviation Act including representation of airlines in regulatory matters before the Federal Aviation Administration and National Transportation Safety Board.

Fortis Prop Jet
3990 Westerly Place, Suite 210
Newport Beach, CA 92660
RAA Representative: Michael J. Knight
714/476-8288

Fortis Prop Jet is a member of the Fortis Aviation group of companies that offer a complete selection of aviation services worldwide through major offices located in the UK at London Airport-Stansted, Los Angeles, California and Perth, Australia.

The services provided for Regional Airline Aircraft are remarketing and leasing programs, technical and market valuations, lease management and formal appraisals.

Each office is fully staffed to aid clients to achieve a complete market exposure for their projects on a worldwide basis. Additionally, every phase of the transaction from negotiations to the export and delivery procedure is coordinated on behalf of the client as appropriate.

Frank B. Hall & Company, Inc.
Hall Aviation Division
261 Madison Avenue
New York, NY 10016
RAA Representative: William D. Tillotson
212/922-1300

Western Region
3200 Wilshire Blvd.
Los Angeles, CA 90010
213/386-3700

Frank B. Hall is an international leader in insurance and reinsurance brokerage, employee benefits consulting and risk management services. Hall began as one of the first specialists in aviation coverage almost 70 years ago and has literally grown up with the industry. Hall serves commercial airlines throughout the world and serves aerospace manufacturers, airports, and company owned aircraft. Hall is experienced in handling every aspect of aviation coverage from ground operations to satellite ventures.

Frank Crystal & Company
40 Broad St.
New York, NY 10004
RAA Representative: David Cowen
212/344-2444

Airline insurance.

Frasca International, Inc.
606-South Neil Street
Champaign, IL 61820
RAA Representative: Rudy Frasca
217/359-3951

Manufacturer of flight simulators

Fred S. James & Company
3811 Turtle Creek Boulevard
Dallas, Texas 75219-4419
RAA Representative: Charles Botts
214/651-4000
Short Hills, N.J: John A. Horner 201/564-7200
Los Angeles, CA: Roger C. Gustafson
213/385-0545
Detroit, MI: Raymond Brooks 313/649-2100
Atlanta, GA: Jeffrey R. Zito 404/237-8444
Ft. Lauderdale: J. Scott Morrow
305/764-7700

America's premier insurance broker with more than 80 offices in the U.S. alone. Our nationwide network of aviation insurance specialists respond quickly to changing market conditions and offer a maximum degree of expertise and creativity in the design, implementation and servicing of comprehensive insurance and risk management programs for the Regional Airline Industry.

Furst Aircraft, Inc.
185 Berger Street
Wood-Ridge, NJ 07075
RAA Representatives: Amanda Wood, Paul Davidson
201/438-2100

Furst Aircraft, Inc. is a supplier of new and overhauled avionics, instrumentation, airframe parts and accessories and test equipment. Complete sales, exchange and rental programs available.

We also have an engineering department with design and manufacturing capability.

Future Aviation Professionals of America (FAPA)
4959 Massachusetts Blvd.
Atlanta, GA 30337-6607
RAA Representative: A.K. Darby
1/800/538-5627
404/997-8097

FAPA is a 15 year-old, Atlanta based Aviation Employment Information service. In addition to providing monthly job report newsletters for pilots, flight attendants and aviation mechanics, FAPA also publishes annual salary surveys, and address directories. Special services for pilots include a computerized job referral service. FAPA's new addition includes nationwide Career Day Seminars and ATP/FE prep courses.

Garrett Auxiliary Power Division
2739 E. Washington Street
P.O. Box 5217
Phoenix, AZ 85010
RAA Representative: Dave Zenk
602/220-3143

The Garrett Auxiliary Power Division, a unit of Allied Signal Aerospace Company, provides specialized products and service. Once a part of the Garrett Turbine Engine Company, the new organization will work exclusively in the development, production and support of auxiliary power units.

Having manufactured more than 50,000 auxiliary power units since 1948, the Garrett Auxiliary Power Division will continue the tradition of excellence that has made Garrett the world's leading producer of auxiliary power units for the airlines. Of special significance to the regional airlines is the proven Garrett model GTCP36-150 auxiliary power unit used by more than 40 operators worldwide on the Embraer Brasilia, Fokker 100, BAe ATP and the SAAB 340.

Garrett Engine Division
Mail Stop 35-20/301-1A
111 S. 34th Street
P.O. Box 5217
Phoenix, AZ 85010
RAA Representative: Dave Pishko
602/231-2589

The Garrett Engine Division, Phoenix, Arizona is a unit of Allied-Signal Aerospace Company in Los Angeles. Garrett has produced nearly 12,000 TPE331 engines and has over 47 million hours of operating experience. The Garrett TPE331-5 is utilized on the Dornier 228 aircraft. The BAe Jetstream 31 and the CASA 212 have 1,000 shp TPE331-10 engines, while the Metro III is driven by 1,000 shp TPE-331-11s. New versions of the Jetstream and Metro series have been announced utilizing TPE331-12 engines.

Garrett has begun full scale development of a new 2,000 shp class TPF351-20 engine, which was recently selected for use on the Embraer/FAMA CBA-12[illegible].

Garrett General Aviation Services Division
2401 E. Magnolia
P.O. Box 29003
Phoenix, AZ 85038
RAA Representative: Darrell D. Downing
602/225-2553

Garrett General Aviation Services Division of Allied Signal Aerospace Company offers worldwide service and support for all Garrett products aboard Garrett-powered regional airline aircraft. The Division serves the regional airline industry with aircraft maintenance, engine overhaul, parts distribution, field support, and technical training.

GE Aircraft Engines
1000 Western Avenue
Lynn, MA 01910
RAA Representative: Bruce Bromby
617/594-4772

GE is a major manufacturer of aircraft engines for the world's commercial airline fleets. The Small Commercial Engine Department is responsible for turbofan and turboprop engines used in regional airliners. The CT7 Turboprop powers the SAAB-340, the CASA-IPTN CN-235 and the Bromon BR-2000. The CF34 Turbofan powers the Canadair Regional Jet and the GLC38 Turboprop is a candidate engine for the new large high speed turboprop airliners. In addition GE is a partner in the CFE Company which is providing the CF3738 for regional jet aircraft.

Global Weather Dynamics, Inc.
2400 Garden Rd.
Monterey, CA 93940
RAA Representative: Bruce Teigen
408/649-4500

Global Weather Dynamics, Inc. (GWDI) is a high-technology weather-services and computer-systems company providing customers around the world with total flight management and weather information systems.

GWDI's mainframe Weather Data Base contains aviation, public, media, and marine weather information. Customers can dial into GWDI using a personal computer, or they can access GWDI through existing ARINC or SITA terminals.

GWDI provides two additional services for an airline's flight operations center: the Flight Control System (FCS) and the Global Weather Information Satellite System (G*WISS). The FCS is a terminal that is connected to GWDI's mainframe computer for communications, weather information, graphics, flight planning, and other dispatch functions. G*WISS operates on a powerful Unix-based desktop computer, providing more capabilities than the FCS, with all programs and processing residing on G*WISS. G*WISS accepts weather data, via satellite or land line, from the National Weather Service or the FAA. G*WISS's modularity permits the customer to begin with the base system and add optional modules as required.

Global-Wulfsberg Systems
2144 Michelson Dr.
Irvine, CA 92715
RAA Representative: Randy Lincoln
714/851-0119

Manufacturer of Navigation Management Systems and Communications Systems: Flexcomm and Basecomm.

Goodner Bros. Aircraft Inc.
Intermountain Regional Airport
P.O. Box 1387
Mena, AR 71953
RAA Representative: Junior Goodner
501/394-4709

Aircraft painting and refurbishment from Pitts Specials to Boeing 727's. Quality work and expertise for a reasonable price, 26 years in continuous operation. Certified repair station for FOKKER F-27; Short Brothers SD3-30, DeHavilland DHC-2, DHC-3, DHC-6 and Embraer EMB-110. All types of aircraft modification, repair and maintenance, aircraft weighing and D.A.R. services available. From single engine aircraft to commuter airlines.

GPA Jetprop
110 Harbor Plaza
Stamford, CT 06902
RAA Representative: Paddy O'Meara
203/323-7777

GPA Jetprop is a 50:50 joint venture between GPA Group Ltd, the Irish aircraft leasing and financing company, and Pacific Western Airline of Canada. The company specializes in leasing turboprop aircraft in the 19-70 seater category to regional air carriers worldwide.

Gulf Coast Aviation
479 Industrial Boulevard
Naples, FL 33942
RAA Representatives: Bill Moyer; Fabio Tagliasacchi
813/643-5012

FAA accessory overhaul and repair facility certified in Class I, II, and III. Gulf Coast Aviation offers a very fast turnaround time being airline oriented and are specialists in the electrical and hydraulic fields. Expanded capabilities include: wheel and brake shop, non-destructive testing NICAD battery servicing, PT6 fuel nozzle cleaning and testing, radio class I and II limited radio, and instrument rating.

Hamilton Standard, Div. of United Technologies Corp.
One Hamilton Rd.
Windsor Locks, CT 06096
RAA Representative: Richard S. Trevethan
203/654-2568

Sales and service of propellers, air condition, fuel controls and gearboxes to the regional airline industry.

Hartzell Propeller Products Division
[illegible]00 Covington Avenue
Piqua, OH 45356
RAA Representative: Jimmie A. Reedy
513/778-4377

Having been in the aircraft propeller business since the early 1900's we pride ourselves on our ability to design and manufacture propellers for the many individual custom needs of our customers.

Our engineers are working constantly to

improve the design as well as the materials used to meet the demands of today's aircraft. Our propellers may be two to six-blade in design and the blades may be of aluminum or composite material...depending on the requirements our customers desire.

Hartzell Propeller Products Division is backed by an experienced sales and service team offering worldwide product support and parts availability, in-house technical training, 24-hour worldwide service and technical assistance.

Tomorrow's technology, plus outstanding service - a combination you can count on from Hartzell.

Harvey W. Watt & Company
P.O. Box 20787
Atlanta, GA 30320
RAA Representative: Phil Haney
404/767-7501
1/800/241-6103

Harvey W. Watt & Company sells medical loss of license insurance to corporate and airline pilots. Through their medical department, they provide airlines and pilots with guidance in FAA certification and advice in preventive medicine to preserve their health and flying careers. The company also advises pilots on how to restore their FAA medical certification after illness or injury through Albert T. Lojko, M.D., aviation specialist, at Piedmont Hospital (tel. 404-351-2539).

Hazeltine Corporation
500 Commack Road
Commack, NY 11725
RAA Representative: Robert C. MacIntyre
516/266-5672

The Hazeltine Corporation is in production on the first 178 FAA/ICAO Standard Microwave Landing Systems to be installed by the U.S. FAA as part of the World Wide ICAO Implementation Program. Installation of the first FAA MLS network started in the spring of 1988. An FIAA Standard System has been installed at Gardenmoen Airport, Norway.

Additionally, Hazeltine manufacturers ICAO/FAA Standard Microwave Landing Systems and has completed installations at Cadillac, Sturgis and Bellaire, Michigan; Perkasie, Pennsylvania; Jasper Hinton, Chipewyn, High Level, Lloydminister Alberta, Canada; Westland Helicopters Airport, Yeovil England. Standard systems have been purchased by the Italian & Canadian Governments for test & development of operational & airspace procedures. An FAA leased system has been installed on R.E. Byrd Airport, Richmond, VA and commissioned for IFR use and MLS demonstration flights.

Heads Up Technologies
8001 Lemmon Ave., Suite 276
Dallas, TX 75209
RAA Representative: Robert Harshaw
214/351-4806

Heads Up Technologies manufacturers audio Checklist & Management Systems and Cabin Briefing Systems.

Heron, Burchette, Ruckert & Rothwell
1025 Thomas Jefferson Street, N.W.
Suite 700E
Washington, D.C. 20007
RAA Representative: J.E. Murdock III
202/898-2610

Representation before the Federal Aviation Administration, Dept. of Transportation, N.T.S.B., Congress; state or local authorities concerning safety enforcement, noise, access, E.A.S., economic & consumer issues. Counsel concerning all varieties of commercial and financial arrangements, aircraft purchase and loans, interline (CRS) marketing contracts, airport leases and other contracts.

Honeywell, Inc.
5353 W. Bell Road
Glendale, AZ 85308
RAA Representative: Charles W. Bennett
602/863-8000

Honeywell is a major supplier of high technology integrated avionics systems for the entire aviation industry. A broad line of products and systems are designed and manufactured specifically for transport and regional air carrier aircraft. Honeywell's integrated systems and products are supplied to most regional air carrier aircraft manufacturers as standard or standard options. Modernization avionics products and systems are also available for existing airline fleets.

Howmet Corp.
6202 Central Freeway
Wichita Falls, TX 76307
RAA Representative: Jim Nuse
817/855-8401

Howmet Corporation is a recognized world leader in the manufacture of precision investment castings for jet aircraft and other gas turbine engines. The company also is an important supplier of superalloys and titanium products. The company's component refurbishment operation specializes in the overhaul and repair of hot section components for the engines of all turbine powerplant manufacturers, the PT6, ALF502, CF6&50, JT8D, JT15D, and the PW100.

Hudson General Corporation
111 Great Neck Road, PO Box 355
Great Neck, NY 11022
RAA Representative: Warren J. Regan
516/487-8610

Hudson General provides a broad scope of services to the industry at various key airports throughout the U.S. and Canada. Such services include: aircraft ground handling, air freight operations, cargo warehousing, passenger handling services, aircraft maintenance, sky cap services, ramp cleaning, airline fuel management services, aircraft fueling, fuel sales, snow removal, equipment maintenance and ground transportation; sell, lease, maintain and remanufacture GSE and snow removal equipment; leasing of hangar, office and tiedown space. With such a broad array of services supporting the airline industry, Hudson General is widely recognized as one of the major aviation service companies in North America, having a reputation of professionalism and quality service performance.

Indiana Beechcraft Inc.
P.O. Box 51830
Indianapolis International Airport
Indianapolis, IN 46251
RAA Representative: Lawrence K. Hamm
317/241-2893

Indiana Beechcraft is a Beechcraft authorized distributor for all Beechcrafts; specializing in support of model 99, C-99, & 1900 commuter aircraft. Indiana Beechcraft is a supplier of Beechcraft spare parts, Pratt and Whitney PT6 and Garrett TPE331 hot section parts.

Insurance Services of America, Inc.
P.O. Box 939
Middleburg, VA 22117
RAA Representative: Jim Zimmer
703/687-3110
800/423-3902
VA only 800/822-1036

Independent insurance agency marketing aircraft hull and liabilities to commercial operators, and regional and commuter airlines.

Interavia S.A.
International Center Cointrin,
20 Route de Pre-Bois, P.O. Box 636
1215 Geneva 15, Switzerland
41/22/98 05
Telex: 22122 ITAV CH
Fax: 41/22/98 31 38
RAA Representative: Pierre Condon
US Editorial Representatives: Ramon Lopez (Washington DC) 703/638-3700; Bill Sweetman (St. Paul) 612/227-0137; J.R. Wilson (Los Angeles) 714/724-0868
US Advertising Rep: Sheena Robbins
703/683-3700

Interavia S.A., established in Switzerland for 55 years, produces a wide variety of aerospace and defence publications. Regional airlines and commuter aircraft are given in-depth coverage by the daily Interavia Air Letter, monthly Interavia Aerospace Review and annual Interavia ABC directory of aerospace suppliers and users. Also from the Interavia stable are the International Defense Review, the world's leading monthly for defense equipment

suppliers and users; International Defense Directory, a counterpart to the ABC in the defense field; and Space Markets; a bi-monthly magazine devoted to the civil space industry and its customers. Interavia is part of the UK-based Jane's Information Group, publisher of the renowned Jane's All the World's Aircraft yearbook and other year-books, magazines and studies in defence and aerospace. Together, Jane's and Interavia publications cover all aspects of civil aviation, defense and the space sector.

Interiors Two
Custom Aircraft Designs
4200 E. Belleview Avenue
Littleton, CO 80121
RAA Representative: Barbara J. Fey
303/770-4507

Interiors Two provides custom air carrier design and space planning. We can take your color scheme, logo, and theme from the ticket counter-into the carrier cabin with complete coordination. We are an agent for fire safety materials required by the FAA for both horizontal and OSU 1990 rated vertical surfaces.

Interiors Two will present fabrics, colors and ideas with display boards for your management team, and couple this service with obtaining competitive completion bids, which can be accomplished with on the job supervision.

International Air Academy, Inc.
1300 Esther Street, Suite 207
Vancouver, WA 98660
RAA Representative: Arch Miller
206/690-1350
Extensions:
2901 East Mill Plain Boulevard
Vancouver, WA 98661-4835

The Tech Center
2326 Millpark Drive
St. Louis, MO 63043

2980 E. Inland Empire Blvd.
Ontario, CA 91764

8955 Guilford Road
Columbia, MD 21046
800/234-1350

International Air Academy, Inc. provides the Airline Industry with graduates from its Air/Travel School and offers training on a contract basis. The Air/Travel School and the training offered on a contract basis includes ticketing, reservations, management, tariffs and telephone sales.

International Aviation and Travel Academy
300 W. Arbrook Blvd.
Arlington, TX 76014
RAA Representative: Bob Woody
800/527-2260
In Texas 800/492-2160

International Aviation and Travel Academy, provides the airline industry well-trained and highly motivated employees. Our graduates receive extensive training including 160 hours of CRT instruction, tariff and ticketing, telephone sales and a travel industry over-view.

The services of our placement department are provided at no cost to employer or graduate. All candidates are prescreened to meet the qualifications of the employer. We provide resumes and will assist with interviews at our facility or yours.

International Aviation and Travel Academy also offers contract training. We can fulfill initial startup needs or provide recurrent training programs in a wide range of skills and knowledge areas. Customized training programs are also available.

IPECO, Inc.
15201 S. Prairie Ave.
Lawndale, CA 90260
RAA Representative: Terry Glover
213/973-8870

IPECO is the largest manufacturer of aircraft crew seats, such as ATR 42/72 BAe 146, CASA CN 212/235, de Havilland Dash 8, Dornier 228, Fokker 50/100, and SAAB 340.

Jeppesen Sanderson, Inc.
55 Inverness Drive East
Englewood, CO 80112
RAA Representative: Robert S. Hopkins
303/799-9090

Jeppesen Sanderson provides information services, training materials and pilot supplies to the civil aviation industry. Information services consist of world coverage of updated flight information charts and pages for pilots and navigation data for computer-ized systems data bases. Integrated pilot training systems materials consist of audiovisual, texts, workbooks and associated student supplies covering initial and refresher training. Pilot supplies are associated with flight information and training.

Jet Electronics & Technology, Inc.
5353 52nd Street, S.E.
Grand Rapids, MI 49508
RAA Representative: Dale R. Christiansen
616/949-6600

Jet Electronics and Technology, Inc. manufacturers standby attitude indicators, vertical and directional gyroscopes, emergency power supplies, static inverters, flight control systems, display systems, AHRS and Head-Up Displays.

Jet Turbine Service, Inc.
3929 California Parkway
Forth Worth, TX 76119
RAA Representative: Peter LoBello
817/536-0012

Provides (1) spare parts for Aircraft, powerplants and APU's (2) Sells and leases Jet engines and Garrett APU's.

Johnson & Higgins
125 Broad Street
New York, NY 10004
RAA Representative: Thomas W. Small
212/574-8172

Johnson & Higgins is one of the world's largest insurance brokers with a global network of offices throughout the United States, Canada and most major countries in the world. J&H has a separate aviation department in N.Y. with specialists in many branch offices. J&H offers a comprehensive insurance program designed specifically for commuters.

Jonas Aircraft & Arms Co., Inc.
225 Broadway
New York, NY 10007
RAA Representative: Robert S. Jonas
212/619-0330
FAX 212/619-2743

This company serves as distributor for the Britten-Norman Islander aircraft for commuter airlines and has full stock of aircraft parts and accessories in the United States.

Started by Mr. Frank Jonas in 1927, the company has been in aviation since 1934.

Kavouras, Inc.
6301 34th Avenue South, Room 100
Minneapolis, MN 55450
RAA Representative: Steve Madsen
800/328-2278 or 612/726-9515

Kavouras, Inc. is a Single Source meteorc-logical and flight planning company. Through the companies RADAC Color Weather Radar Remoting System and Weath-erlink VISTABriefing stations, to Custom Terminal and Route System Forecasts, Kavouras has become one of the largest me-teorological information suppliers in the airline industry. Currently the company is developing an Automated Flight Release and Flight Planning System for the regional airlines.

Kollsman Avionics Division
220 Daniel Webster Highway
Merrimack, NH 03054
RAA Representative: Fred Winnai
603/889-2500

The Kollsman Avionics Division develops and manufacturers flight and engine instru-mentation for commercial, military and regional aircraft throughout the world. A worldwide network of sales representatives, authorized service facilities and dealer/in-stallers support Kollsman's flight instruments.

Associate Member Directory

Kubota Tractor Corporation
Central Division
13780 Benchmark Dr.
Farmers Branch, TX 75234
RAA Representative: J.H. Daniel
214/241-5900
Headquarters:
550 W. Artesia Blvd.
Compton, CA 90220
213/537-2531

Kubota tow tractors combine a dependable three-cylinder diesel engine designed to run on either No. 2 diesel fuel or Jet A fuel, with a wide range of options to suit working needs and weather conditions. Kubota airline tractors are supported by a nationwide dealer organization for parts and service.

Kurth & Company, Inc.
4400 MacArthur Blvd., N.W.
Suite 303
Washington, D.C. 20007
RAA Representative: Charles B. Kurth
202/342-1691

Kurth & Co., Inc. is an established commuter/regional airline planning firm with over 80 years experience in all aspects of the airline business. Strengths include pricing, scheduling, traffic forecasting, market & fleet planning, financial/business planning, aircraft appraisals/inspections/residual value estimates and labor negotiations. These disciplines have been applied to start up, reorganization, merger/acquisition, DOT 419 subsidy bid/negotiations and public offering projects in addition to traditional market/business planning studies.

LTCB Trust Company
140 Broadway
New York, NY 10005
RAA Representative: Kenneth P. Kramer
212/248-2220

Lending and structuring of financing for acquisition of aircraft.

Lockheed DataPlan, Inc.
90 Albright Way
Los Gatos, CA 95030
RAA Representative: Ron Patton
408/866-7611
800/FLTMGMT

Lockheed Data Plan is the premier supplier of value-added aviation weather graphics and computerized flight planning services to the airline industry. Tailored exclusively to meet the unique demands of the aviation industry, Lockheed's weather graphics service provides several benefits over DIFAX-based services. Maps are produced for both broad and regionalized geographic coverage; compositing techniques deliver precisely the type and depth of information that dispatchers and flight crews need; high resolution displays and print-outs enhance readability; maps are produced on convenient cock-pit sized paper; and all Lockheed graphical weather products are ICAO and FAR compliant. Lockheed's computerized flight planning and aviation weather services can be accessed on demand, or automatically delivered according to your airline schedule, via PC work station.

LORI
6930 N. Lakewood
Tulsa, OK 74101-3629
RAA Representative: Lynn Brown
918/272-4541

LORI, an affiliate of NORDAM, manufacturers, repairs and overhauls heat transfer components. These include oil coolers, heat exchangers, precoolers and valves. LORI also repairs and overhauls metal to honeycomb brazed components such as combustion liners and exhaust nozzles.

Mainten-Aire Corporation
12935 Foothill Blvd.
Sylmar, CA 91342
RAA Representative: James Nail
818/361-1228

Mainten-Aire Corporation operates FAA Repair Station #461-68 with the following ratings: limited airframe, accessory - Class 1 and 2, instrument - Class 1,2,3, & 4. We specialize in landing gears, thrust reversers, hydraulic & pneumatic actuators, valves, air data computers, and electronic pressure sensitive monitor equipment applicable to BAe 146, Embraer 110, Embraer 120, Shorts 3-60, F-27, Convairs, YS-11 and BAC 1-11 aircraft.

Marsh & McLennan, Inc.
1221 Avenue of the Americas
New York, NY 10020
RAA Representative: Raymond C. Brooks
212/997-4628

The world's largest insurance brokers, Marsh & McLennan is broker for leading trunk airlines, regional airlines, major airframe manufacturers, power plant manufacturers and component manufacturers. Included in its portfolio are a number of commuter airlines, and Marsh & McLennan operating through its Aviation Co. intends to make further penetration into all segments of the aviation industry.

Martins Uniforms
P.O. Box 7455
Tampa, FL 33673
RAA Representative: Jim Klein
813/877-0511
800/627-8467

Pilots uniforms, in-flight uniform apparel, ticket agent apparel, ground crew uniforms and emblems.

Matrix Aviation
1701 S. Hoover
Wichita, KS 67209
RAA Representative: Wayne Grossardt
316/942-0844

Matrix Aviation, Inc. is a stocking distributor of aircraft avionics, instruments and components. We offer sales, support, lease and exchange. Our company offers a twenty-four hour A.O.G. service HOTLINE for support of our customers. We are also engaged in the purchase of surplus equipment as well as consignment sales of customer inventory.

McCauley Accessory Division
3535 McCauley Drive, P.O. Box 430
Vandalia, OH 45377
RAA Representative: Chuck Rocco
513/890-5246

McCauley is the world's largest supplier of aircraft propellers. Our commitment to regional airlines is to supply four, five, and six bladed propellers that are light weight, reasonably priced, with low maintenance cost. The current propeller replacement program for the Fairchild Metro and Jetstream 31 aircraft can save the airlines thousands of dollars in direct operating expenses. After fifty years, it is still quality and performance that sets us apart from the others.

McDonnell Douglas Finance Corporation
3855 Lakewood Boulevard
C1-900 18A-3A
Long Beach, CA 90846
RAA Representative: Steve Nevin
213/593-6365

McDonnell Douglas Finance Corporation is a full service financing company offering tax oriented and conditional sales financing on commercial aircraft for trunk and regional airlines. MDFC offers a variety of financing products, including operating leases, longterm tax oriented leases and vendor programs. The company is committed to maintaining a significant presence in the regional aircraft financing marketplace.

McGraw-Hill Publications Company
Aerospace and Defense Group
1221 Avenue of the Americas
New York, NY 10020
RAA Representative: Robert W. De Angelis
212/512-2885

Publishers of
- Aviation Week & Space Technology,
- Aviation Week Video,
- A/C Flyer,
- Business & Commercial Aviation,
- World Aviation Directory & Buyer's Guide, and
- Newsletters and Electronic Services

McGuire, Woods, Battle & Boothe
2000 Pennsylvania Avenue, N.W.
Washington, D.C. 20006
RAA Representative: Curtis M. Coward
703/356-2200

McGuire, Woods, Battle & Boothe is a national law firm with offices in Washington with substantial experience in leasing, tax securities, labor and litigation. To add to this solution-oriented, creative and cost-effective approach, it has added Curt Coward to its team to provide legal services to the aviation industry. In addition to its full line of services, the firm can provide RAA members with legal advice on FAA enforcement proceedings, DOT economic and consumer issues, airport noise and access cases, antitrust concerns, airline marketing developments, and aircraft acquisitions.

The Memphis Group
3781 Premier Cove
Memphis, Tennessee 38118
RAA Representative: John Temple
901/362-8600

A supplier of overhauled and certificated avionics, instruments, engine and airframe parts and accessories, and test equipment. The Memphis Group specializes in NAV/COM, ADF, Transponder, Flight Director, DME, VLF/Omega, Inertial navigation, weather radar and other avionics and instruments. Additionally the group maintains a large inventory of airframe and engine parts and rotables. Airframe and engine inventory includes spares for Lear, Falcon, Jetstar, Boeing 707, 727, Lockheed L1011, Twin Otter, Beech 99's, 1900's and many other airframes.

Metro Credit Corporation
8260 Greensboro Dr., Penthouse A
McLean, VA 22102
RAA Representative: Jim Walker
703/847-6595

Metro Credit Corp, is an independent leasing company with a portfolio of aircraft leased to commuter airlines. As a continuing investor and lessor in equipment for the commuter industry, we provide lease financing for all types and manufacture of equipment including aircraft, ground equipment, communication systems and computers.

Michelin Aircraft Tire Corporation
150 Springside Drive
Akron, OH 44313
RAA Representative: Charles E. Brock
216/374-3109

Aircraft tires.

Mid-Canada Equipment Sales Ltd.
1932 Brookside Blvd.
Winnipeg MB R3C2E6
RAA Representative: Linda Eryou
204/694-1700

Mid-Canada is a major supplier of new and refurbished ground support equipment. Our line of new products has been designed and priced with regional operations in mind. It features the 'Old Faithful' De-icer, a variety of ground power units including the 'Mighty-Multi' Mobile Unit, as well as disabled passenger boarding equipment. Mid-Canada also maintains a balanced inventory of used ground support equipment.

Mid-Coast-Little Rock, Inc.
P.O. Box 1149, 12th & Calhoun St.
Little Rock, AR 72203
RAA Representative: George Smith
501/375-9891

Midcoast-Little Rock, Inc. does major and minor repairs, overhauls, and maintenance; engine changes and hot sections; airframe, structural, system inspections and modifications, and other associated work. Trained A&P and FCC technicians are available to support Midcoast customers worldwide whether it is at their home base or in the field. Midcoast-Little Rocks' prop shop is rated for major and minor repair and overhaul on Hartzell, Hamilton Standard, Sensenich, and McCauley propellers; and is an authorized service facility for McCauley. Midcoast has a Class I accessory rating which includes overhaul and repair of brakes, wheels, landing gear, starter/generators and fuel nozzles. Midcoast-Little Rock is also a F.A.A. licensed Class I, II, and III avionics repair station with F.C.C. licensed avionics specialists. Midcoast-Little Rock is factory authorized or F.A.A. certificated to provide support on the following: Westwind, Gulfstream Commander, Fairchild Merlin/Metro; Piper, Falcon 10, -20, -50, -100, -200, -900, Pratt & Whitney PT6, JT15, Garrett TPE331-1/-14, Sabreliner, Citation, King Air, Challenger, MU-2, Lear, Collins, Bendix/King, Honeywell/Sperry, Global/Wulfsberg, J.E.T., Foxtronics, Fairchild, and Canadian/Marconi to mention a few.

Midway Airlines, Inc.
5959 South Cicero Avenue
Chicago, Illinois 60638
RAA Representatives: Rick Larsen, Mark Hartman
312/838-4805

Midway Airlines operates DC9, MD87 and B737 aircraft on routes linking 30 cities in the Continental United States, the Virgin Islands, and Nassau, Bahamas. Midway's headquarters and principle hub are located at Chicago's Midway Airport. The airline maintains maintenance facilities at both Midway Airport and Miami International Airport and has operations offices at all of the airports it serves.

Midway also provides service which links Midway Airport with 19 additional cities in the Midwest. This service is provided through the Midway Connection, a wholly owned subsidiary and through a code sharing arrangement with another carrier.

Mitsui Nevitt Capital Corporation
3333 Michelson Drive
Irvine, CA 92715
RAA Representative: Steve Alexander
714/852-9631

Bridge financing, leveraged debt, equity placement, and underwriting advisory services.

Montgomery Systems Tech, Inc.
14341 Chambers Road
Tustin, CA 92680
RAA Representative: H. Steve Montgomery
714/731-2709

Ice protection systems repair & overhaul on air intakes, & Prop Spinners on the following aircraft F-27, H.S. 748, G-1, FH-227, Convair 580, Lockheed Electra, Hercules 382, Convair 340, Convair 440, YS-11, SD3-30 & SF-340.

Daniel Morton & Company, Inc.
Three Landmark Sqare
Suite 400
Stamford, CT 06901
RAA Representative: E. Daniel Morton
203/325-9055

Daniel Morton & Company, a specialist in aviation development banking, is involved in all aspects of regional airline financing. This includes performing evaluations of capital requirements and arranging start-up venture capital, private placements, public offerings, merger/acquisition analyses, and aircraft financings. Additionally, we draw on a unique 30-year mix of experience in both the airline industry and the investment community to advise regional airlines on financial and marketing strategy and financial public relations.

North American Aviation Supply Corporation
Hangar #1, Smithtown Avenue
Ronkonkoma, NY 11779
RAA Representative: John Leslie
516/737-0300

Specializing in Starter Generator Overhaul, Sales and Spare Part Support. Also supporting Bell Helicopter N2 Linear and Rotary Actuators along with Grimes Light and misc. other electrical accessories.

Northwest Aerospace Training Corp.
2600 Lone Oak Point
Eagan, MN 55121
RAA Representative: Alec White
612/726-6000

Northwest Aerospace Training Corporation provides pilot training services to the international airline community. With training centers in Eagan, Minnesota and Grand Forks, North Dakota, NATCO offers a full

range of training services, from airline flight crew certification programs to ab initio training to airline entry level standards.

NATCO specializes in designing and developing training programs to the specific needs of the customer. Complete certification programs include classroom, CBI, fixed base and full flight simulator, and aircraft instruction. Special courses, conducted at the customer's pilot base, are available for Cockpit Resource Management and International Flight Procedures.

Official Airline Guides, Inc. (OAG)
2000 Clearwater Drive
Oak Brook, IL 60521
RAA Representative: Kristin Nilsson
312/574-6000

As the travel industry sources of airline schedule and fare information, OAG, Transportation Guides Division, publishes ten quick reference guides benefiting the traveling public. Three world area Pocket Flight Guides compliment the North American, Worldwide, and Electronic Editions. The Air Cargo Guide features worldwide cargo schedules and rates.

Utilizing its vast computerized data base, OAG also produces reservation load tapes, timetables, schedule and tariff products and services and customized magnetic tape products for airline worldwide.

Olympus Corporation Industrial Fiberoptics Division
4 Nevada Drive
Lake Success, NY 11042-1179
RAA Representative: Peter G. Lorenz
516/488-3880

Olympus Quality Fiberscopes and Borescopes are designed specifically for internal inspections of turbines, air frames, avionics systems and other visually inaccessible areas-used with Light Sources, plus full video and photographic accessories for continual record keeping.

Ontario Aircraft Sales & Leasing Inc.
P.O. Box #446, R.R. #5
Peterborough, Ontario
Canada K9J 6Z3
RAA Representative: John Gillespie
705/742-9631

Sales, leasing and refurbishment of Beech 99 and King Air Aircraft.

PacAero
P.O. Box 3226
Burbank, CA 91504
RAA Representative: Tom Hodges
818/841-7800

Aviation Part Distributor and Supplier: Factory authorized distributor for Allied-Signal Electric Power Division, Mechanical Products (Circuit Breakers), Elcon (Battery Products), Airborn (Linear Connectors), Hella (Interior/Exterior Lighting), Aircraft Appliances and Equipment (Tach Generators), Phoenix Aerospace (Electrical Devises), DIEHL (Emergency Lighting), Teleflex Syneravia (Lighting/Windshield Systems), Lucas Aerospace Power Equipment and Transmission Power Divisions and Parker Hannifan Air Starters and Valves. Approved FAA Repair Station 417-10. Overhaul all Electrical accessories including solid state controls, used on US and foreign-built aircraft and helicopters. Provides Export Support Services, Exchange units available.

Pacific Aero Support, Inc.
1721 W. Valley Hwy. N.
Auburn, WA 98020
RAA Representative: R.J. "Kelly" Kryszewski
206/833-2353

Pacific Aero Support, Inc. of Auburn, Washington is a division of Pacific Aviation Group. We are a leading worldwide aftermarket supplier of new and overhauled aircraft parts and equipment, as well as a provider of various lines of expendables, tools and hardware. Presently, we are building inventories to support such aircraft as: ATR'S, Beech Turbine, CASA, Cessna Turbine, DeHavilland, Dornier, Embraer, Metro's, Fokker, Piper Turbine, SAAB, Shorts and YS11's. We also are factory distributors for GE Lamps, Bolt Load Fuses, Facet Filters, LEM Microphones and Oxygen Masks, Mollart U-Joints. In addition, we have filter kits available for aircraft ranging from Boeing equipment through Commuter type aircraft. These kits are inspected and assembled by our own personnel in-house.

Pacific Propeller,Inc.
P.O. Box 1187
Kent, WA 98035
RAA Representative: Roger A. Pearson
206/872-7767

Pacific Propeller, Inc. (PPI) is an FAA repair Station No. 4123 for repair and overhaul of all makes of aircraft propeller systems and related accessories. PPI is a distributor/dealer for Aeroproducts, Hartzell and McCauley propeller systems and is the world's largest independent overhaul facility for Hamilton Standard propellers including those used on the DHC-7, DHC-8, EMB 120, ATR42, CV580 and C-130.

Pan Am American World Airways, Inc.
Pan Am Building
New York, NY 10166
RAA Representative: William L. Cody
212/880-6337

Pan Am's Commuter Services Department provides liaison with commuter airlines under contract to Pan Am. Commuter Services also coordinates all joint marketing, reservations and ground services with non-contract commuter airlines.

Pan Am's unique combination of domestic routes to the major U.S. gateway cities and its unparalleled international route system flowing from these cities, offers excellent mutual feed opportunities.

Parker Hannifin Corporation
Airborne Division
711 Taylor Street
Elyria, OH 44036
RAA Representatives: Paul LeFevre, Syd Reames
216/323-4676

Aircraft Wheel & Brake Division
1160 Center Road
Avon, OH 44011
RAA Representative: Alyce Germontek
800/BRAKING or 216/937-6211

Gas Turbine Fuel Systems Division
17325 Euclid Avenue
Cleveland, OH 44112
RAA Representative: Don Vala
216/531-3000

Airborne Division manufacturers fuel and pneumatic systems, de-ice systems and environmental control systems. Aircraft Wheel & Brake Division manufacturers Cleveland wheels, brakes and components, and air conditioning. Gas Turbine Fuel Systems Division manufactures fuel system components including nozzles, manifolds, atomizers and fuel controls.

PATS, Inc.
9570 Berger Road
Columbia, MD 21046
RAA Representative: Jeffrey S. Tinter
301/381-5533

Auxiliary Power Units, Fuel Tanks, Airstairs, Airconditioning and Humidifier Systems, and In-flight Refueling Systems.

Peat Marwick Main & Co.
2020 N. Central Avenue, Suite 1200
Phoenix, AZ 85004
RAA Representative: Robert A. Fenimore
602/253-2000

Professional accounting firm offering services in accounting and auditing, tax planning and research and airline-related consulting services in such areas as management information systems and data processing alternatives, financing alternatives, planning and budgeting, statistical revenue accounting applications, maintenance and inventory controls, executive compensation and employee benefits.

Phaneuf Associates Incorporated
1030 15th Street, N.W.
Suite #206
Washington, D.C. 20005
RAA Representative: Roger J. Phaneuf
202/898-1410

PAI is a Washington-based firm with more than 10 years of experience assisting the FAA, the airline industry, and aviation equipment manufacturers. With a staff that includes pilots, attorneys, engineers, auditors, and medical doctors, services cover a wide range of technical subjects. We have extensive experience in FAA regulations, air carrier records systems, marketing

and organizational studies, and safety analysis. PAI also offers comprehensive assistance to airlines with all aspects of the required anti-drug program.

Phoenix Aviation Managers, Inc.
Home Office: 1640 Powers Ferry Rd., Bldg. 3
Marietta, GA 30067
West Coast: 1701 Novato Blvd., Suite 202-3
Novato, CA 94947
RAA Representative: William P. McGloin
404/951-7970

Phoenix Aviation Managers provides aviation hull and liability coverage for the General Aviation Industry, and turbine engine mechanical breakdown and deductible insurance to the Airline market.

Piedmont Aviation Supply
5125 Blalock Industrial Blvd.
College Park, GA 30349
RAA Representative: Richard L. King
404/765-1850

Piedmont Aviation Supply, a worldwide aircraft parts supplier, offers you a multimillion dollar inventory of major product lines, as well as turbine support/service and an extensive exchange rotable pool specializing in Beech, Piper, Boeing, YS-11 and others. With a fully stocked Aeroquip approved hose shop, Piedmont Aviation Supply is also ready to fill your hose requirements. Call 800/647-3701, AirLine Division Sales. Locations: Albany, GA; Atlanta, GA; Charlotte, NC; Denver, CO; Ft. Lauderdale, FL; Gaithersburg, MD; Honolulu, HI; Kansas City, KS; Los Angeles, CA; Miami/Opa Locka, FL; San Antonio, TX; San Jose, CA; Seattle, WA; St. Paul, MN; Tampa, FL; Winston-Salem, NC.

Pilatus Aircraft Ltd.
CH-6374
Stans Switzerland
RAA Representative: Larry Bardon
041/636456

Designs, produces and supports commercial and military aircraft adaptable to a variety of missions including training, freight hauling and personnel transport.

Pioneer Commercial Funding Corp.
84 Business Park Dr., Suite 209
Armonk, NY 10504
RAA Representative: Uri Lieber
914/472-8585
Fax: 914/273-9168

Finance company specializing in providing working capital to regional/commuter airlines.

PLM Transportation Equipment Corporation
655 Montgomery Street
San Francisco, CA 94111
RAA Representative: Marc J. Anderson
415/989-1860

PLM-TEC is a transportation equipment company which offers lease financing and remarketing services for regional and trunk airlines, corporate and medical users of turbo-prop, helicopter and jet aircraft.

Polaris Aircraft Leasing Corporation
Four Embarcadero Center, 40th Floor
San Francisco, CA 94111
RAA Representative: Alonzo B. Ramirez
415/362-0333

Since its formation in 1974, Polaris Aircraft Leasing Corporation has grown steadily alongside the airline industry. Building upon its management team's technical knowledge and expertise, Polaris has become a world leader in aircraft financing and marketing.

The Polaris team knows aircraft. They are aviation professionals—pilots, engineers, designers, and manufacturers—who bring over 200 years of combined experience to Polaris' transactions.

And they know the industry—having served on the staffs of manufacturing and airline giants, as well as the world's largest suppliers of commercial jet engines. This detailed knowledge sets Polaris apart in aircraft leasing.

Today, Polaris is 80% owned by GE Capital Corporation, a $39-billion subsidiary of the General Electric Company. The combination of Polaris' technical expertise and GE's financial strength has made Polaris the world's largest aircraft leasing company—buying, selling, and leasing aircraft to airlines and air freight companies throughout the world.

PPG Industries, Inc.
Central Bank Building, Suite 650
Huntsville, AL 35801
RAA Representative: Thomas M. Yelle
205/539-2975

PPG manufactures windshield and passenger windows and other aircraft transparencies for all phases of aviation. Their electrically heated de-ice windshields are used extensively on commercial aircraft manufactured by such companies as Aeritalia/Aerospatiale, Beech, Cessna, deHavilland, Dornier, Embraer, Fairchild, Fokker, Gulfstream, Israel Aircraft and Piper.

Pratt & Whitney Canada
1000 Marie Victorin
Longueuil, P.Q. Canada J4G 1A1
RAA Representative: David B. Leslie
514/647-7677

The company has a corporate mandate for the design, development, manufacture and service of small gas turbine engines for air, land and sea applications. Aircraft such as the Beech 99 and the 1900, the de-havilland Dash-7, Embraer's EMB-110 and the Shorts 330 and 360, are powered by the PT6 turboprop engine.

The PW100 turboprop specifically designed for the 30-80 passenger commuter aircraft, has been selected to power six new generation commuter aircraft, the Embraer EMB-120 Brasilia, the deHavilland Dash-8, the Aerospatiale/Aeritalia ATR-42, the British Aerospace ATP, the Fokker 50 and the Dornier 328.

PRC Aviation
6262 Swan Road, Suite 269
Tucson, AZ 85718
RAA Representative: R. Dixon Speas
602/299-0410

Professional consulting services with respect to flight equipment selection, management, financial planning, flight operation, maintenance, market study, and forecasting for regional airlines and manufacturers of regional category of aircraft, engines and accessories.

Precise Flight, Inc.
63120 Powell Butte Rd.
Bend, OR 97701
RAA Representative: Michael Demith
503/382-8684

Precise Flight, Inc. has designed a full line of pulselites specifically for the airline industry. The Pulselite Visual Collision Avoidance System is designed to connect to the existing lights (landing, taxi, recognition, logo) of your aircraft. By pulsing these lights alternately, the aircraft recognition is greatly enhanced much like the lights on an emergency vehicle. The life of the lamps can be increased by as much as 20 times. Additionally, because of the lower operating temperature, the life of the outer lens cover is extended. The units are in use by over 130 major U.S. corporations and installed on over 1,000 planes and helicopters world wide. They are a factory option with British Aerospace, Falcon Jet, Gulfstream and Sikorsky and are FAA approved and STC'd for virtually all aircraft.

Pretzel & Stouffer, Chartered
One South Wacker Dr., Suite 2500
Chicago, IL 60606
RAA Representatives: Martin Kanofsky & Craig Chapello
312/346-1973

Pretzel & Stouffer, Chartered, represents commercial airlines (Part 90, Part 12 and Part 135), aircraft and component part manufacturers, fixed based operators and regional airlines nationally. Our practice includes extensive experience representing commercial air carriers and related companies and product manufacturers against the entire spectrum of accident and commercial claims. In addition, we regularly represent airlines and related corporations before state Human Rights Commissions nationwide. We offer consulting services to our clients as they pertain to hearings before the National Transportation Board and FAA.

Professional Pilot Magazine
3014 Colvin Street
Alexandria, VA 22314
RAA Representative: Murray Smith
703/370-0606

Written for career professional pilots by career professional pilots. Editorial covers current and future issues, trends, technique, safety, salaries, equipment checks and commentary.

Associate Member Directory

PTC Aerospace
RT 202
Bantam, CT 06750
RAA Representative: William J. Andrews
203/567-9441
Our company specializes in aircraft interiors, seats, closets, aerostructures, and spare parts for any of the above.

Rand McNally and Company DocuSystems Group
8255 N. Central Park Avenue
Skokie, IL 60076
RAA Representative: Kim Kindig
312/673-9100
1/800/346-1685
Rand McNally's DocuSystems Division is the world's leading supplier of passenger related products and the premier airline ticketing specialist. Primary emphasis is placed on design, production, storage and distribution of book, carrier strip, and continuous type tickets, including ATB's. Extended product line includes interline and on-line baggage tags, ticket jackets, boarding passes, airway bills and miscellaneous support documents.
Additional capabilities include developing and processing revenue accounting and data management systems for all airlines and the Airline Reporting Corporation. These include frequent flyer program and various travel related services.
Product innovations from Rand McNally include: ImageGard (TM), a printing process allowing visual means of detecting altered ticket coupons; and TicketChek (TM), an electronic method of detecting fraudulent or stolen ticket coupons.

Rapco, Inc.
445 Cardinal Lane/P.O. Box 470
Hartland, WI 53029
RAA Representative: Michael R. White
414/367-2292
Manufacture propeller de-ice lead harnesses, brush blocks and replacement brushes for Hartzell, Dowty Rotel, and McCauley propellers. Overhaul and repair B.F. Goodrich de-ice cycle timers. Manufacture erosion control coating. Manufacture replacement commuter airline brake wear components.

Rediffusion Commercial Simulation, Inc.
P.O. Box RSIM
Arlington, TX 76005
RAA Representative: Marion S. Griffith, Jr.
817/640-5000
Redifussion manufacturers flight simulators, visual systems and training devices, including computer-based training programs.

Regional Aircraft Services, Inc.
2048 N. Fine Avenue
Fresno, CA 93727
RAA Representative: Michael Vernon
209/251-1092
Aircraft Component Overhaul - certified FAA repair station.

Regional Leasing Corporation
5700 Columbia Center
Seattle, WA 98104
RAA Representative: Richard W. Gunderson
206/382-1457
Aircraft leasing.

River City Avionics, Inc.
2843 Business Park Drive
Memphis, TN 38118
RAA Representatives: Jim Jeffreys, Jim Rosenbush
FAX: 901/366-1037, Telex: 5106001502
River City Avionics, Inc. provides overhauled and new surplus avionics and instruments for aircraft ranging from cabin class twins to large jets. Equipment available includes COMM, NAV, DME, XPDR, ADF, RAFIO ALT, GPWS, RADAR, FLIGHT DIRECTOR AND AUTOPILOT. River City also buys outright or takes on consignment equipment surplus to your airline's needs.

Riverside/Jets Associates
P.O. Box 3087
Evansville, IN 47730
RAA Representative: A.D. Searl
812/424-9211 800/422-JETS
Riverside/Jets provides AV LL 100, Jet A, fuel farm engineering, and ground handling to regional carriers and FBO's throughout the U.S. and Puerto Rico.

Roberts & Associates, Inc.
Affiliate - AVMARK, Inc.
22320 Foothill Blvd., Suite 510
Hayward, CA 94541
RAA Representative: Philip D. Roberts
415/537-6001, FAX 415/537-0434
U.S. and international transportation economics, marketing, accounting, financial and management consultants to airlines and communities; state and Department of Transportation analysis/presentations, route development, marketing and sales representative programs, pricing, scheduling, operations and financial planning; E.A.S. evaluations, strategy development and implementation, operations and financial, internal auditing, and government contract pricing and award evaluation.

Rolls-Royce Inc.
Corporate Headquarters
475 Steamboat Road
Greenwich, CT 06830
203/625-8600

1895 Phoenix Blvd.
Atlanta, GA 30349
404/996-8400
RAA Representative: P.A.C. (Tony) Oldfield
Rolls-Royce designs, develops and manufacturers a range of gas turbines for commercial and military aircraft including helicopters. Worldwide, 314 airlines, 116 armed forces and 700 business jet customers operate 105 different types of Rolls-Royce powered aircraft in 119 countries.
Rolls-Royce's latest midsize turbofan, the Tay, is now in service powering the Gulfstream IV business jets. Swissair is operating a fleet of Tay powered Fokker 100's. Both aircraft are powered by the 13,850 pounds thrust Tay version and the 15,100 pounds thrust Tay 650 will power later versions of the Fokker 100 ordered by USAir and Guinness Peat Aviation. The Dee Howard Company has announced its intention of reengining the Spey powered BAC 1-11 aircraft with Tay 650 engines and Rolls-Royce has launched the 18,000 pounds thrust Tay 670 in cooperation with ANACORP to reengine versions of the DC-9 and 737-200.

Rolls-Royce (Canada) Ltd.
P.O. Box 1000, Montreal AMF
Montreal, Quebec H4Y 1B7
Canada
RAA Representative: Gerald G. Sosontovich
514/631-3541
Overhaul, repair and servicing of a wide range of gas turbines including all marks of the Rolls-Royce Dart, Spey and Tay engines. Lease engine and accessory programs and spare parts supply network.

Saab Aircraft of America, Inc.
200 Fairbrook Drive
Herndon, VA 22070
703/478-9720
RAA Representative: Ron L. Sherman
Saab Aircraft of America is responsible for the marketing, sales and product support of the Saab 340 and Saab 2000 new generation regional airliners. The Saab 340 is a pressurized turboprop capable of carrying 30 to 37 passengers. The aircraft is produced by the Saab Aircraft Division of Saab-Scania AB in Linkoping Sweden. In addition to North America, the Saab 340 is operated in Europe, South America, Australia and Asia.
The Saab 2000, currently under development by Saab Aircraft, is a 50 seat, high technology, turboprop regional airliner capable of speeds well in excess of 400 miles per hour. First deliveries of the Saab 2000 are scheduled for 1993.

Sage Foods, Inc.
Division of Kraft Foodservice
3460 Empire Blvd.
Atlanta, GA 30354
RAA Representative: Stanley Lansky
404/767-0309
Our company offers total distribution and marketing services to the inflight food service industry.

Santarelli, Smith, Kraut & Carroccio
1155 Connecticut Avenue #900
Washington, D.C. 20036
RAA Representative: Donald E. Santarelli
202/466-6800

Services provided: Legal and counselling services to aircraft manufacturers and regional airlines.

Satair, Inc.
80 King Spring Road
Windsor Locks, CT 06096
RAA Representative: Paul Elgaard
203/623-3930

Satair Inc is a subsidiary of Satair A/S in Denmark and is responsible for marketing and sales to the North American Marketplace. The products offered are primarily for Fokker F-27, F-28 and deHavilland DHC-6 aircraft and cover a wide range of rotables, parts and tooling. A support inventory of ready to go components is currently being established in the USA to offer immediate delivery on exchange or outright basis.

Savance Corporation
500 Davis Center
Evanston, IL 60201
RAA Representative: Bryan Troutman
312/475-2340

Savance Corporation arranges lease financing of commercial transport aircraft and other aviation related equipment with emphasis on the regional airline industry. Equipment management and remarketing services are also available.

Schneller, Inc.
P.O. Box 670
6019 Powdermill Road
Kent, OH 44340
RAA Representative: Don E. Strange
216/673-1400

SCHNELLER manufactures custom laminates and coated fabrics exclusively for aircraft interior use. Products can be custom decorated and comply with the latest FAA regulations.

Short Brothers (USA), Inc.
2011 Crystal Park Drive
Suite 713
Arlington, VA 22202-3719
RAA Representative: A. Oakley Brooks, Jr.
703/769-8700

Specialists in design, production, and support of regional/commuter aircraft. Product range includes the 36 seat Shorts 360, which went into service in December 1982, and the 30 seat Shorts 330 airliner; the 330 has also been modified to fill the role of bulk freight and small package feeder aircraft. All aircraft feature widebody appeal, low noise levels, and superior fuel productivity. Shorts also produces the Skyvan utility aircraft and aerostructures for other manufacturers.

SH & E, Inc.
(formerly Simat Helliesen & Eichner, Inc.)
One University Office Park
Waltham, MA 02154
617/894-6214

90 Park Avenue
New York, New York 10016
RAA Representative: Richard Murphy
212/682-8455

Route and fleet planning, aircraft appraisals/inspections/residual value estimates, Section 419 subsidy applications, management consulting, financial planning, mergers & acquisitions analysis, market research and feasibility studies, data bases and management information systems.

Simmonds Precision-Product Support Operations
5250 N.W. 33 Avenue
Ft. Lauderdale, FL 33309-6301
RAA Representative: William H. Thomas
305/497-0100

Provide overhaul, repair and exchange for all Simmonds Precision fuel quantity systems, engine ignition systems and Actuator(s). Only factory authorized source for service of Pitch Trim Actuator(s) on Fairchild Metro and Saab 340. Manufacturer of calibration equipment for A.C. capacitance and D.C. capacitance fuel quantity systems.

Singer Link-Miles Corporation
Nowlan Road
Binghamtom, NY 13902
RAA Representative: John L. Billeter
607/721-2377

Link-Miles supplies a full range of aviation related training devices to the domestic and international aviation community.

The product line ranges from relatively simple but state-of-the-art part task trainers to full flight simulators designed to meet Phase III standards.

SLI International
International Division
One Circle West
Stamford, CT 06902
RAA Representative: Jerry Hines
203/351-8300

Starter Generators, Pumps and aftermarket sales and support of Electro-Mechanical replacement parts.

The International Division of Smiths, located in Stamford, Connecticut, is responsible for the aftermarket sales and service of LSI Power Equipment Division AC/DC electrical systems and spares. LSI PED is the leading manufacturer of AC/DC electrical systems for fixed and rotary wing aircraft with both civil and military applications.

Snow Aviation International, Inc.
2228 South Third St.
Columbus, OH 43207
RAA Representative: E. Jack Kluever
614/443-2711

Snow Aviation International, Inc., Columbus, Ohio, designs, manufactures, maintains, and modifies aircraft. The SA-210TA (STOL-C/AT) aircraft is a multimission cargo aircraft for military tactical airlift/short haul cargo transport for civil use. SA-210TA cargo compartment permits straight in loading of ICAO standard containers directly from commercial heavy jet aircraft.

Southeastern Aviation Underwriters, Inc.
P.O. Box 20439
Atlanta, GA 30325
RAA Representative: Wm. Floyd Garner
404/351-8303

Aviation insurance (physical damage and comprehensive liability).

Southern Cross Aviation, Inc.
375 Durley Ave.
Camarillo, CA
RAA Representative: Mark Eberle
805/388-4778

Southern Cross Aviation is in the business of international and domestic aircraft delivery. During our 15 years of existence, we have delivered more than 2000 aircraft to over 100 countries worldwide.

We perform every aspect of the delivery process from pick up to drop off at delivery point. Our quotes are all inclusive so you will find no surprise charges after delivery is complete.

We handle virtually all aircraft types and have served some of the most prominent organizations in the commuter airline industry.

Please call our California office for a competitive quote.

Standard Aero
33 Allen Dyne Road
Winnipeg, Manitoba, Canada R3H 1A1
RAA Representative: R.A. (Art) Carter
204/775-9711

Standard Aero provides overhaul services for Allison 501 and 250 series engines, Lycoming T53 & T55 engines, PWC PT6A engines, General Electric T58 engines, and a wide variety of engine and airframe accessories. Most models of engines and accessories are available on an exchange basis and several engine types are available for rent. Turbine engine maintenance courses are offered at Winnipeg or customer's own location. Field service is provided 24 hours a day from Dallas, Charlotte, Van Nuys, Vancouver, Montreal & Winnipeg. SAL London, England is the European Distributor and Direct Service Dealer for the Allison T56/501. An International Office in Bellevue, Washington exports parts and overhaul services to all seven continents.

Associate Member Directory

Sundstrand Data Control
15001 N.E. 36th Street
Redmond, WA 98073-9701
RAA Representative: Michael S. Rhode
206/885-8374
Manufactures flight safety, control, and maintenance-related avionics equipment, such as cockpit voice recorders, flight data recorders, windshear detection systems, GPWS, stall warning computers, and airborne communication and data management systems.

Sundstrand Power Systems
Advanced Technology Group
Sundstrand Corporation
4400 Ruffin Road
P.O. Box 85757
San Diego, CA 92138-5757
RAA Representative: D.R. Louis, Jr.
619/492-5779
Manufacture and overhaul of gas turbine auxiliary power units (APUs).

Superior Air Parts, Inc.
15050 Beltwood Parkway East
Addison, TX 75001
RAA Representative: Jim Muirheid
214/233-4433
Superior Air Parts, Inc. is the world's largest supplier of FAA-PMA replacement parts for the PT6 turbine engine and Lycoming and Continental piston engines.
Superior is also a leading distributor for other major aviation related manufacturers including Aeroquip and Barry Controls.
Strategically located distribution centers in Alaska, California, Colorado, Florida, Illinois, Pennsylvania and Texas insure that Superior provides same-day shipment on orders.

Systron Donner
2731 Systron Drive
Concord, CA 94518-1355
RAA Representative: William S. Treadwell
415/674-6700
The Safety Systems Division of SYSTRON DONNER, since 1962, has been engaged in the design and manufacture of highly reliable engine fire and overheat detection and protection systems for military, general aviation, and commercial aircraft. Our modern facility in the San Francisco Bay area houses the integrated functions of design engineering, research, development, environmental testing, machining, manufacturing, assembly, and quality assurance. Our added aspect of active customer interaction affords our marketplace a multi-dimensional program of product and support quality.

Teledyne Avionics
P.O. Box 6400
Charlottesville, VA 22906
RAA Representative: A.W. Galusha
804/973-3311
Angle of Attack/Stall Warning Systems. Inertial-lead Vertical Speed Indicator (IVSI*) and Power Analyzer and Recorder (PAR). (*Reg. U.S. Pat. Off.)

Teledyne Battery Products
840 West Brockton Avenue
Redlands, CA 92373
RAA Representative: Dick Ruff
714/793-3131
Teledyne Battery Products manufactures a complete line of lead acid aircraft batteries including a reliable, low cost alternative for nickel-cadmium batteries. Teledyne supplies the majority of aircraft manufacturers with original equipment products.

Teledyne Neosho
3551 Doniphan Drive
P.O. Box 648
Neosho, MO 64850-9199
RAA Representative: M.A. (Dutch) Barbettini
417/451-1810
Teledyne Neosho is one of the Teledyne, Inc., Companies. We are a diversified company engaged in the manufacture of aircraft precision gears and the overhaul of turbine and jet engines for the business and commuter airline market. Teledyne is the appointed overhaul agency for General Electric on the CJ610/CF700 Engines, AVCO LTS/LTP101 Engine, and the Garrett TPE331.

Textron Aerostructures
P.O. Box 210
Nashville, TN 37202
RAA Representative: Jeff Torell
615/360-5883
Manufacturers of major aircraft assemblies and structures.

Textron Lycoming
550 Main Street
Stratford, CT 06497
RAA Representative: Joseph A. Mauriello
203/385-3148
As an original equipment manufacturer of turbofan, turboprop and turboshaft engines, Textron Lycoming's principal activities include the sale of engines, modules, accessories, spare parts, and product support services to aircraft operators. These support efforts include setting up overhaul and repair facilities with the necessary test equipment to aid in the maintenance of these engines.

Thompson Aircraft Tire Corporation
7775 N.W. 12th St.
Miami, FL 33126
RAA Representative: Matthew J. Hennessy
305/592-2530
Aircraft Tire Retreading, New Tire Sales & Distribution. FAA Repair Station wheels, brakes and fuel cells. Offices: New York (516) 234-9131, San Francisco (415) 589-3030, Aero Tire & Tank in Dallas (214) 247-2845.

Thrustair Inc.
12300 Gladstone Avenue
Sylmar, CA 91342
RAA Representative: Gary Winslow
818/768-2222
FAA Repair Station 4907 Accessory Class 1. Superior quality with competitive turn times for over 20 years providing the following services: pneumatic valves and actuator overhaul, hydraulic valves and actuator overhaul, thrust reverser and component part overhaul, and new part manufacturing to your specifications.

Time Aviation Services, Inc.
9255 San Fernando Road
Sun Valley, CA 91352
RAA Representative: John Butler
818/768-6598
Stockists and distributors of jet, turbine & piston expandable & rotable components, consisting of engines, avionics, hydraulics, instrumentation, wheels and brakes. Manufacturer of aircraft maintenance tooling and ground support equipment.

Il Morrow, Inc.
P.O. Box 13549
Salem, OR 97309
RAA Representative: Ron Marsh
503/581-8101
Loran C Aviation Navigation Equipment. Both VFR and IFR. Loran C simulators and regulated equipment. Marine navigation equipment and Vehicle Tracking Systems.

Trans-Aero Industries
502 North Oak Street
Inglewood, CA 90302
RAA Representative: Tom Mallett
213/412-1772
Trans-Aero Industries, Inc. is a major overhauler and refurbisher of airline passenger seats. The company offers a variety of options for overhaul and refurbishing, including a seat exchange program and a kit for in-house refurbishing. In addition, the company markets new and refurbished cabin attendant seats and seat components.

Trans World Airlines
100 S. Bedford Road
Mt. Kisco, NY 10549
RAA Representative: Shery A. Lewis/
Larry Thierman
914/242-3145
TWA has always been a leader in aggressively pursuing Interline Traffic Agreements with commuter and regional airlines all over the world, resulting in substantial passenger exchange and impressive revenue sharing. Along with a firm commitment to our five existing Trans World Express carriers, TWA is currently negotiating with a number of other Trans World Express candidates and plans to be an industry leader in the development of a strong and mutually profitable regional airline network.
In keeping with the guiding principle of the

RAA, TWA salutes all regional airlines and extends special thanks and recognition to Resort Air, Air Midwest, Virgin Islands Seaplane Shuttle, Jet Express and Pocono Airlines, all Trans World Express partners.

Turbine Parts, Inc.
10990 Switzer Rd. #201
Dallas, TX 75238
RAA Representative: H. Porter Burns
214/553-7767
Engines and parts supplier.

Turbo Power, Inc.
6321 N.W. 74th Avenue
Miami, FL 33166
RAA Representative: Bill Cranz
305/592-3195
Turbo Power provides overhaul and repair services for the Allison T56/501 and P&W PT6A engines. A product support group provides preventative diagnostic and post delivery support on a worldwide basis. TPI also provides sale, lease and exchange programs and HSI services.

Unison Industries, Inc.
530 Blackhawk Park Ave.
Rockford, IL 61104
RAA Representative: Bradley D. Mottier
815/965-4700
(second facility)
7575 Baymeadows Way
P.O. Box 17880
Jacksonville, FL 32245
(904) 739-4000
Unison Industries is the world's largest manufacturer of ignition systems for turbine and reciprocating engines for aircraft and industrial applications. Unison's Jacksonville facility (formerly Bendix Engine Controls Division) manufactures gas turbine ignition systems, specialty cables and helicopter control grips. Unison's TX-100 and TX-200 Series Exciters are completely solid state and represent a major breakthrough in turbine ignition technology. Unison's Slick Aircraft Products designs and manufactures magneto and wiring harness ignition systems for reciprocating engines.

United States Aircraft Insurance Group
1 Seaport Plaza
199 Water Street
New York, NY 10038
RAA Representative: Thomas Guterl
212/952-0100
A group of independent insurers which provides facilities for all forms of aviation insurance available, hull physical damage, aircraft liability, airport liability, aircraft products liability, hangar keepers liability and workers compensation. All USAIG operations are managed by U.S. Aviation Underwriters Inc., a separate corporation which has worldwide authority to accept or reject proposals, specify rates, bind risks, settle claims, and issue policies of insurance on behalf of the group.

University of North Dakota
Center for Aerospace Sciences
Box 8216, University Station
Grand Forks, ND 58202
RAA Representative: John Odegard
701/777-2791
The Center for Aerospace Sciences, housed in the new $7.3 million complex on the University of North Dakota campus, contains over 88,000 sq. ft. of modern classrooms, advanced computer labs, and spacious offices. The Center's FAA approved flight school is located in a new flight training facility featuring a computerized dispatch area, specialized flight planning room, and a state-of-the-art flight simulation center. Courses: 38; students: 850; Founded: 1968; College Degrees: aviation administration, airport administration, aeronautical science, airway science, aviation services, space studies. Training aircraft: 50; simulators: 7 (S.E., S.E. visual, M.E., turboprop, helicopter-all computer generated); FAA licenses and ratings: pvt., comm., instr., Citation I, ATP, M.E., M.E.I., CFI, CFII, seaplane rating, glider.

USAir, Inc.
Washington National Airport
Washington, D.C. 20001
RAA Representative: Robert A. Jenkins
703/892-7050
USAir's Commuter Activities Department provides liaison with USAir Group Commuter operators under contract to USAir.
The nine USAir Group Commuters, operate 157 aircraft on a route network that serves 125 cities in the USA and the Bahamas. In 1988 USAir Group Commuters carried more than 6 million passengers.

Van Beurden & Associates
P.O. Box 67
Kingsburg, CA 93631
RAA Representative: Mark F. Matthews
209/897-2975
Van Beurden & Associates is a regional insurance broker with 10 offices in California. As a member of the Greenwich Group, Van Beurden & Associates is a part of a national network of 12 regional independent agencies. VBA specializes in all forms of transportation insurance.

WECO Inc. Aerospace Systems
P.O. Box 547, 1020 Airport Rd.
Lincoln, CA 95648
RAA Representative: William H. Weygandt
916/645-8961
FAX 916/645-1547

Southern California:
4206 W. Burbank Blvd., P.O. Box 6547
Burbank, CA 91505
818/845-8711
FAX 818/845-2972
TELEX 69-8522

Sacramento Area:
P.O. Box 547
1020 Airport Road
Lincoln, California 95648
916/645-8961
WECO provides overhaul services for electrical aircraft accessories including rotables and solid state components. Exchange units are available for most aircraft. F.A.A. approved repair station No. 461-67. Distributor/service center for Lucas (Lear Siegler), Bendix, J.E.T. Electronics, Marathon Flight-tronic, Hartman, General Electric, Auxilec, Bronzavia-Air Equipment.

Wilkerson Company, Inc.
Aircraft Tire Division
P.O. Box 438
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RAA Representative: W.H. Wilkerson
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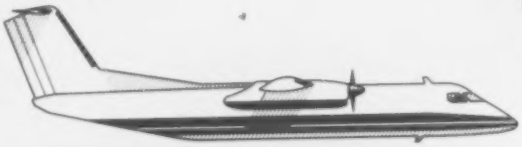

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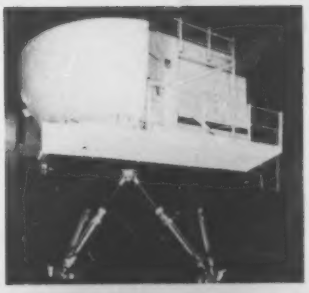

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Simulators in operation:

ATR-42
Houston, TX

Beech 1900
LaGuardia Airport
New York (Spring '89)

Boeing 727
Louisville, KY
St. Louis, MO (TWO)

Boeing 737-300 / 200
Long Beach, CA
Seattle, WA

Boeing 737-300
Houston, TX
Salt Lake City, UT

DASH-8
Toronto, Canada

DC-9
St. Louis, MO (TWO)

DC-10
Long Beach, CA

MD-80
Long Beach, CA (TWO)
St. Louis, MO

MD-87 / 88
Long Beach, CA

Merlin Metro II
Wichita, KS

Merlin Metro III
Salt Lake City, UT
San Antonio, TX
St. Louis, MO

Saab 340
San Antonio, TX

Twin Otter
Toronto, Canada

Simulators on the way:

ATR-42
Beech 1900
Boeing 737-300 (EFIS) *(TWO)*
Boeing 757-200
Boeing 767-300ER
DASH-7
Embraer 120 *(THREE)*
Jetstream 31 *(THREE)*
MD-83 / 87 *(TWO)*
Metro III
Saab 340
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Passenger Service

SUMMARY OF PASSENGER SERVICE BY STATE

State	Airports Receiving Scheduled Service by Category of Service: Airports Exclusively Served by: Regionals/ Commuters	Majors	Others	Airports Served by More than One Category of Service: ★	★★	Total Airports Receiving Scheduled Service	Total Airports Receiving Regional/ Commuter Service	Total Airports Receiving Service by Major, National, and Other Carriers
Alabama	5	0	0	0	4	9	9	4
Arizona	11	0	0	0	5	16	16	5
Arkansas	8	0	0	0	1	9	9	1
California	24	1	0	0	17	42	41	18
Colorado	8	0	0	1	6	15	14	7
Connecticut	4	0	0	0	1	5	5	1
Delaware	0	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	2	2	2	2
Florida	5	0	0	1	17	23	22	18
Georgia	6	1	0	0	3	10	9	4
Idaho	5	0	0	0	2	7	7	2
Illinois	15	0	0	0	5	20	20	5
Indiana	5	0	0	0	4	9	9	4
Iowa	8	0	0	0	3	11	11	3
Kansas	11	0	0	0	1	12	12	1
Kentucky	2	0	0	0	2	4	4	2
Louisiana	2	0	0	0	5	7	7	5
Maine	7	0	0	0	2	9	9	2
Maryland	4	0	0	0	1	5	5	1
Massachusetts	12	0	0	0	2	14	14	2
Michigan	14	0	0	0	7	21	21	7
Minnesota	10	0	0	0	3	13	13	3
Mississippi	5	0	0	0	2	7	7	2
Missouri	5	0	0	0	3	8	8	3
Montana	7	0	0	0	7	14	14	7
Nebraska	11	0	0	0	2	13	13	2
Nevada	4	0	0	0	2	6	6	2
New Hampshire	3	0	0	0	1	4	4	1
New Jersey	3	0	0	0	2	5	5	2
New Mexico	13	0	0	0	1	14	14	1
New York	14	0	0	0	12	26	26	12
North Carolina	5	0	0	0	8	13	13	8
North Dakota	3	1	0	0	3	7	6	4
Ohio	3	0	0	0	6	9	9	6
Oklahoma	4	0	0	1	1	6	5	2
Oregon	4	0	0	0	4	8	8	4
Pennsylvania	12	0	0	0	6	18	18	6
Rhode Island	2	0	0	0	1	3	3	1
South Carolina	2	1	0	0	3	6	5	4
South Dakota	7	0	0	0	2	9	9	2
Tennessee	2	0	0	0	5	7	7	5
Texas	14	0	1	3	9	27	23	13
Utah	11	0	0	0	1	12	12	1
Vermont	2	0	0	0	1	3	3	1
Virginia	2	0	0	0	6	8	8	6
Washington	15	0	0	0	5	20	20	5
West Virginia	7	0	0	0	2	9	9	2
Wisconsin	7	0	0	0	6	13	13	6
Wyoming	8	0	0	0	2	10	10	2
Total 48 States	**341**	**4**	**1**	**6**	**196**	**548**	**537**	**207**
Alaska	237	0	1	0	19	257	256	20
Hawaii	4	0	0	1	7	12	11	8
Puerto Rico	7	0	0	0	1	8	8	1
Virgin Islands	3	0	0	0	2	5	5	2
Total U.S.	**592**	**4**	**2**	**7**	**225**	**830**	**817**	**238**
Bahamas	12	0	0	0	2	14	14	2
Canada	8	2	0	2	3	15	11	7
Caribbean	9	11	0	1	5	26	14	17
Mexico	3	7	0	2	2	14	5	11
Total North America	**624**	**24**	**2**	**12**	**237**	**899**	**861**	**275**

* Without Commuters ** With Commuters

Source: RAA Analysis of Jan. 1, 1989 ABC Airways Guide

Key to Airline Designators

REGIONAL/COMMUTER AIR CARRIERS

2D CHESTER COUNTY AIR (2D)
2E HERMANS/MARKAIR EXPRESS (2E)
2F FRONTIER FLYING SERVICE (2F)
2L BIG ISLAND AIR (2L)
2R AIR RUIDOSO (2R)
2V VALLEY AIRLINES (2V)
3C CAMAI AIR (3C)
3G VIRGIN ISLANDS SEAPLANE SHUTTLE (3G)
3L AIR LIFT ASSOCIATED, INC. (3L)
3R AIR MOLOKAI-TROPIC AIRLINES (3R)
4A AIRWAYS INTERNATIONAL, INC (4A)
4B OLSON AIR SERVICE (4B)
4E TANANA AIR SERVICE (4E)
4G COOK INLET AVIATION (4G)
4H FRIENDSHIP AIR ALASKA, INC. (4H)
4Q TRANS NORTH AVIATION, LTD (4Q)
4R RAVEN AIR (4R)
4W WRANGELL AIR SERVICE (4W)
5A ALPINE AVIATION, INC. (5A)
5B BELLAIR, INC. (5B)
5C CONQUEST AIRLINES (5C)
5E HUB EXPRESS (5E)
5K KENMORE AIR HARBOR, INC. (5K)
5L LAREDO AIR INC (5L)
5N SEAGULL AIR SERVICE INC. (5N)
5U SKAGWAY AIR SERVICE (5U)
6C CAPE SMYTHE AIR SERVICE INC (6C)
6D ALASKA ISLAND AIR, INC. (6D)
6M 40-MILE AIR, LTD. (6M)
6Q BARROW AIR, INC. (6Q)
6S KETCHIKAN AIR SERVICES (6S)
7A HAINES AIRWAYS INC. (7A)
7C SIERRA VISTA AVIATION, INC. (7C)
7D TRUMP AIR (7D)
7G GULFSTREAM AIRLINES, INC. (7G)
7K LARRY'S FLYING SERVICE, INC. (7K)
7L LAKE UNION AIR SERVICE (7L)
7R GCS AIR SERVICE (7R)
7V ALPHA AIR (7V)
8B BAKER AVIATION, INC. (8B)
8E BERING AIR INC (8E)
8F WILBUR'S INC. (8F)
8G GP EXPRESS AIRLINES, INC. (8G)
8H HARBOR AIR SERVICE (8H)
8M MST AVIATION INC. (8M)
8N NASHVILLE EAGLE INC (8N)
8R WRA, INC. (8R)
8T TRI AIR (8T)
8V WRIGHT AIR SERVICES, INC. (8V)
9K KING FLYING SERVICE (9K)
9N RESORT AIR (9N)
9Q TAQUAN AIR SERVICE (9Q)
AD EXEC EXPRESS INC (AD)
AK GALENA AIR SERVICE (AK)
BE ENTERPRISE AIRLINES (BE)
BK CHALK'S INTERNATIONAL AIRLINE, INC. (BK)
CH BEMIDJI AIRLINES (CH)
CT MIDCONTINENT AIRLINES (CT)
DD COMMAND AIRWAYS, INC. (DD)
DE PRIME AIR, INC. (DE)
DF AERO COACH AVIATION INTERNATIONAL, INC. (DF)
DQ COASTAL AIR TRANSPORT (DQ)
DV NANTUCKET AIRLINES (DV)
EJ NEW ENGLAND AIRLINES, INC. (EJ)
EM EMPIRE AIRWAYS (EM)
FH MALL AIRWAYS INC. (FH)
FK FLAMENCO AIRWAYS, INC. (FK)
FN SFO HELICOPTER AIRLINES, INC. (FN)
FX EXPRESS AIR INC. (FX)
FY METROFLIGHT AIRLINES (FY)
GD AIR SOUTH INC. (GD)
GQ BIG SKY AIRLINES (GQ)
GS BAS AIRLINES (GS)
HD NEW YORK HELICOPTER CORPORATION (HD)
HG HARBOR AIRLINES, INC. (HG)
HI GRAND CANYON HELICOPTERS (HI)
HQ BUSINESS EXPRESS (HQ)
HW HAVASU AIRLINES (HW)
HY METRO AIRLINES (HY)
IH CHANNEL FLYING INC. (IH)
IN EAST HAMPTON AIR, INC. (IN)
IU MIDSTATE AIRLINES INC. (IU)
JC ROCKY MOUNTAIN AIRWAYS, INC. (JC)
JI JET EXPRESS (JI)
JO HOLIDAY AIRLINES, INC. (JO)
JT IOWA AIRWAYS, INC. (JT)
KF CATSKILL AIRWAYS, INC. (KF)
KN TEMSCO AIRLINES (KN)
KS PENINSULA AIRWAYS, INC. (KS)
KW CROWN AIR/DORALDO WINGS (KW)
LS ILIAMNA AIR TAXI, INC. (LS)
LW AIR NEVADA (LW)
MQ SIMMONS AIRLINES (MQ)
NQ CUMBERLAND AIRLINES (NQ)
OQ ROYALE AIRLINES INC. (OQ)
OT EVERGREEN ALASKA (OT)
OY SUNAIRE (OY)
PN COASTAL AIRWAYS (PN)
PV PANORAMA AIR (PV)
QO BAR HARBOR AIRLINES (QO)
QS PROPHETER AVIATION (QS)
QY AERO VIRGIN ISLANDS CORP. (QY)
RM WINGS WEST AIRLINES, INC. (RM)
RP PRECISION AIRLINES (RP)
RV REEVE ALEUTIAN AIRWAYS, INC. (RV)
SE WINGS OF ALASKA (SE)
SI SIERRA MOUNTAIN AIRWAYS (SI)
SX CHRISTMAN AIR SYSTEM (SX)
UE AIR LA (UE)
UJ AIR SEDONA (UJ)
UO DIRECT AIR, INC. (UO)
VI VIQUES AIR LINK, INC. (VI)
VL SUN PACIFIC AIRLINES (VL)
WP ALOHA ISLANDAIR (WP)
WQ WINGS AIRWAYS (WQ)
WV MIDWEST AVIATION (WV)
XE SOUTH CENTRAL AIR, INC. (XE)
XG ARMSTRONG AIR SERVICE, INC. (XG)
XJ MESABA (XJ)
XK RESORT COMMUTER (XK)
XQ ACTION AIRLINES (XQ)
XW WALKER'S INTERNATIONAL (XW)
XY RYAN AIR, INC. (XY)
YB GOLDEN PACIFIC AIRLINES (YB)
YI AIR SUNSHINE INC. (YI)
YL LONG ISLAND AIRLINES (YL)
YR SCENIC AIRLINES, INC. (YR)
YS SAN JUAN AIRLINES (YS)
YV MESA AIRLINES (YV)
YW STATESWEST AIRLINES INC. (YW)
ZD ROSS AVIATION, INC. (ZD)
ZE AIR CARIBE INTERNATIONAL (ZE)
ZK GREAT LAKES AVIATION, LTD. (ZK)
ZP VIRGIN AIR, INC. (ZP)
ZV AIR MIDWEST (ZV)

MAJOR AIR CARRIERS

AA AMERICAN AIRLINES, INC. (AA)
BN BRANIFF INC. (BN)
CO CONTINENTAL AIRLINES (CO)
DL DELTA AIR LINES (DL)
EA EASTERN AIR LINES (EA)
NW NORTHWEST ORIENT AIRLINES INC. (NW)
PA PAN AMERICAN WORLD AIRWAYS, INC. (PA)
PI PIEDMONT AVIATION INC. (PI)
TW TRANS WORLD AIRLINES, INC. (TW)
UA UNITED AIRLINES, INC. (UA)
US USAIR (US)

OTHER CERTIFICATED AIR CARRIERS

AQ ALOHA AIRLINES, INC. (AQ)
AS ALASKA AIRLINES (AS)
BF MARKAIR INC. (BF)
DH JET WORLD AIRWAYS (DH)
FF TOWER AIR, INC. (FF)
GM AIR AMERICA (GM)
HA HAWAIIAN AIR LINES (HA)
HP AMERICA WEST AIRLINES, INC. (HP)
MG MGM GRAND AIR INC. (MG)
ML MIDWAY AIRLINES, INC. (ML)
TZ AMERICAN TRANS AIR (TZ)
WN SOUTHWEST AIRLINES (WN)
YX MIDWEST EXPRESS AIRLINES, INC. (YX)

AMERICAN EAGLE

AA1 AVAIR INC. (CE)
AA2 CHAPARRAL AIRLINES, INC. (FC)
AA3 METRO AIRLINES (HY)
AA4 SIMMONS AIRLINES (MQ)
AA5 NASHVILLE EAGLE INC (8N)
AA6 COMMAND AIRWAYS INC. (DD)
AA7 WINGS WEST AIRLINES, INC. (RM)
AA8 EXECUTIVE AIR CHARTER (NA)

ALOHA COMMUTER

AQ1 ALOHA ISLANDAIR (WP)

ALASKA AIRLINES COMMUTER SERVICE

AS1 HORIZON AIR (QX)
AS2 MARKAIR INC. (BF)
AS3 L.A.B. FLYING SERVICE INC. (LF)
AS4 TEMSCO AIRLINES (KN)
AS5 BERING AIR INC (8E)
AS6 ERA AVIATION (7H)

MARKAIR EXPRESS

BF1 HERMANS/MARKAIR EXPRESS (2E)

BRANIFF EXPRESS

BN1 MIDCONTINENT AIRLINES (CT)
BN3 AIR MIDWEST (ZV)

CONTINENTAL EXPRESS

CO1 ROCKY MOUNTAIN AIRWAYS, INC. (JC)
CO2 BRITT AIRWAYS (CO)
CO3 SOUTHERN JERSEY AIRWAYS, INC. (6J)
CO4 BAR HARBOR AIRLINES (QO)

DELTA CONNECTION

DL1 ATLANTIC SOUTHEAST AIRLINES, INC. (EV)
DL2 COMAIR (OH)
DL3 BUSINESS EXPRESS (HQ)
DL4 SKY WEST AIRLINES (OO)

EASTERN EXPRESS

EA1 BAR HARBOR AIRLINES (QO)
EA3 PRECISION AIRLINES (RP)
EA4 METRO AIRLINES (HY)
EA5 ATLANTIS AIRLINES (SG)
EA6 SOUTHERN JERSEY AIRWAYS, INC. (6J)

MIDWAY CONNECTION

ML1 FISCHER BROS. AVIATION (ML)
ML2 IOWA AIRWAYS, INC. (JT)

NORTHWEST AIRLINK

NW1 EXPRESS AIRLINES I, INC. (9E)
NW3 MESABA (XJ)
NW4 BIG SKY AIRLINES (GQ)

PAN AM EXPRESS/PAN AM COMMUTER

PA1 RANSOME (RZ)
PA2 RESORT COMMUTER (XK)

PIEDMONT REGIONAL AIRLINES

PI1 HENSON (PI)
PI2 JETSTREAM INTERNATIONAL (PI)
PI3 CCAIR (ED)
PI4 BROCKWAY AIR (SS)

TRANS WORLD EXPRESS

TW1 RESORT AIR (9N)
TW2 AIR MIDWEST (ZV)
TW3 JET EXPRESS (JI)
TW4 VIRGIN ISLANDS SEAPLANE SHUTTLE (3G)

UNITED EXPRESS

UA1 SOUTH CENTRAL AIR, INC. (XE)
UA2 SAN JUAN AIRLINES (YS)
UA3 NPA INC. (UA)
UA4 AIR WISCONSIN (ZW)
UA5 WESTAIR (OE)
UA6 ASPEN AIRWAYS, INC. (AP)
UA7 PRESIDENTIAL AIRWAYS, INC. (XV)

ALLEGHENY COMMUTER

US1 AIR KENTUCKY (US)
US2 CHAUTAUQUA (US)
US3 CROWN (US)
US4 PENNSYLVANIA (US)
US5 JETSTREAM INTERNATIONAL (US)
US6 SUBURBAN (US)

Passenger Service in North America

	C/R	M	O
ALABAMA			
ANNISTON	DL1		
BIRMINGHAM	EA4	AA	WN
	UA7	BN	
		DL	
		EA	
		NW	
		PI	
		UA	
		US	
DOTHAN	DL1		
	EA4		
	NW1		
FLORENCE	DL1		
	NW1		
GADSDEN	DL1		
HUNTSVILLE	DL1	AA	
	EA4	EA	
	UA7	NW	
		UA	
MOBILE	CO2	AA	
	OQ	DL	
	UA7	EA	
		NW	
MONTGOMERY	AA5	DL	
	DL1	NW	
	EA4		
TUSCALOOSA	AA5		
	DL1		
ALASKA			
ADAK ISLAND	RV		
AKHIOK	BF1		
	KS		
AKIACHAK	3C		
	4H		
	BF1		
AKIAK	3C		
	4H		
	BF1		
AKUTAN	KS		
ALAKANUK	4H		
	BF1		
	XY		
ALEKNAGIK	BF1		
ALITAK	BF1		
	KS		
ALLAKAKET	2F		
	6M		
	7K		
	8V		
AMBLER	2F		
	6C		
	8B		
	AS5		
	XY		
AMOOK	BF1		
	KS		
ANAKTUVUK PASS	2F		
	7K		
	8V		
ANCHORAGE	4G	DL	AS
	4R	NW	BF
	8F	UA	HA
	8H		
	AS2		
	AS6		
	KS		
	RV		
	UA1		
ANGOON	5B		
	iH		
	SE		
ANIAK	4H		
	BF		
	8F		
	BF1		
	XY		

	C/R	M	O
ANITA BAY	6S		
ANVIK	4H		
	BF1		
	XY		
ARCTIC VILLAGE	8V		
ATMAUTLUAK	3C		
	4H		
	BF1		
ATQASUK	6C		
	6Q		
BARANOF	5B		
BARROW	6C		BF
	6Q		
BARTER ISLAND	6C		
BEAVER	2F		
	7K		
BETHEL	3C		AS
	4H		BF
	5N		
	AS6		
	BF1		
BETTLES	2F		
	7K		
	8V		
BIG DELTA	6M		
BIRCH CREEK	8V		
BOUNDARY	6M		
BUCKLAND	6C		
	8B		
	AS5		
	XY		
CANDLE	8B		
CAPE LISBURNE	AS5		
CAPE NEWENHAM	4H		
CAPE POLE	6S		
CAPE ROMANZOF	4H		
CENTRAL	6M		
CHALKYITSIK	6M		
CHEFORNAK	3C		
	4H		
	AS6		
	BF1		
CHEVAK	3C		
	4H		
	AS6		
	BF1		
CHICKEN	6M		
CHIGNIK	RV		
Fisheries—C/R			
Lagoon—C/R			
CHISANA	6M		
CHOMLEY	9Q		
CHUATHBALUK	4H		
	BF1		
CIRCLE	6M		
CLARKS POINT	BF1		
	XG		
COFFMAN COVE	6S		
	AS4		
COLD BAY	KS		
	RV		
CORDOVA	8F		AS
COUNCIL	AS5		
CRAIG	6S		
	AS4		
CROOKED CREEK	4H		
	BF1		
DEERING	6C		
	8B		
	AS5		
	XY		
DILLINGHAM	AS2		
	BF1		
	KS		
	XG		
DIOMEDE ISLAND	OT		
DOLOMI	6S		
	9Q		
DORA BAY	6S		
	KN		

	C/R	M	O
DUTCH HARBOR	AS2		
	KS		
EAGLE	2F		
	6M		
EDNA BAY	6S		
EEK	3C		
	4H		
	AS6		
	BF1		
EGEGIK	9K		
	BF1		
	KS		
EKUK	BF1		
	XG		
EKWOK	BF1		
	XG		
ELFIN COVE	IH		
	ELIM		
	4B		
	6C		
	AS5		
	XY		
EMMONAK	4H		
	BF1		
	XY		
ENGLISH BAY	4G		
EXCURSION	AS3		
FAIRBANKS	2F	DL	AS
	4E	UA	BF
	4H		
	6M		
	7K		
	8V		
FALSE PASS	RV		
FIRE COVE	6S		
FLAT	4H		
FORT YUKON	2F		
	4H		
	7K		
	8V		
FRESH WATER BAY	5B		
	IH		
FUNTER BAY	IH		
GALENA	2F		BF
	4H		
	7K		
	AK		
GAMBELL	6C		
	AS5		
	XY		
GOLOVIN	4B		
	6C		
	AS5		
	XY		
GOODNEWS BAY	4H		
	AS6		
	BF1		
GRAYLING	4H		
	BF1		
	XY		
GUSTAVUS	AS3		
	SE		
HAINES	7A		
	AS3		
	SE		
HEALY LAKE	6M		
HIDDEN FALLS	5B		
HOBART BAY	6D		
	IH		
	SE		
HOLLIS	6S		
	KN		
HOLY CROSS	4H		
	8F		
	BF1		
	XY		
HOMER	4G		
	4R		
	AS6		
	UA1		

	C/R	M	O
HOONAH	AS3		
	SE		
HOOPER BAY	3C		
	4H		
	AS6		
	BF1		
HUGHES	4H		
	6M		
HUSLIA	4H		
	6M		
	7K		
	AK		
HYDABURG	6S		
	AS4		
HYDER	6S		
IGIUGIG	KS		
ILIAMNA	AS6		BF
	LS		
IVANOF BAY	RV		
JUNEAU	5U	DL	AS
	7A		
	AS3		
	IH		
	SE		
KAKE	4W		
	5B		
	6D		
	IH		
	SE		
KAKHONAK	LS		
KALSKAG	4H		
	BF1		
	XY		
KALTAG	2F		
	4H		
	7K		
	AK		
KARLUK	BF1		
	KS		
KASAAN	6S		
	KN		
KASIGLUK	3C		
	4H		
	BF1		
KENAI	AS6		
	UA1		
KETCHIKAN	4W		AS
	6S		
	9Q		
	AS4		
	KN		
KIANA	6C		
	8B		
	AS5		
	XY		
KING COVE	RV		
KING SALMON	9K		
	AS2		
	BF1		
	KS		
KIPNUK	3C		
	4H		
	AS6		
	BF1		
KITOI BAY	BF1		
	KS		
KIVALINA	6C		
	8B		
	AS5		
	XY		
KLAWOCK	6S		
	AS4		
KOBUK	6C		
	8B		
	AS5		
	XY		
KODIAK	AS2		
	BF1		
	KS		
KOLIGANEK	BF1		
	XG		

Key
C/R Commuter/Regional Air Carriers
M Major Air Carriers
O Other Air Carriers

	C/R	M	O
KONGIGANAK	3C		
	4H		
	AS6		
	BF1		
KOTLIK	4H		
	BF1		
	XY		
KOTZEBUE	2F		AS
	6C		
	8B		
	AS5		
	XY		
KOYUK	6C		
	AS5		
	BF1		
	XY		
KOYUKUK	2F		
	4H		
	7K		
	AK		
KWETHLUK	3C		
	4H		
	BF1		
KWIGILLINGOK	3C		
	4H		
	AS6		
	BF1		
LABOUCHERE BAY	5S		
	AS4		
LAKE MINCHUMINA	4E		
LARSEN BAY	BF1		
	KS		
LEVELOCK	9K		
	BF1		
	KS		
LIME VILLAGE	4H		
LONG ISLAND	6S		
	9Q		
	AS4		
MANLEY HOT SPRINGS	4E		
MANOKOTAK	BF1		
	XG		
MARSHALL	4H		
	BF1		
MCGRATH	4H		BF
	8F		
MEKORYUK	AS6		
	BF1		
METLAKATLA	6S		
	9Q		
	AS4		
MEYERS CHUCK	6S		
	KN		
MINTO	4E		
MOSER BAY	BF1		
	KS		
MOUNTAIN VILLAGE	4H		
	BF1		
	XY		
NAKNEK	KS		
NAPAKIAK	3C		
	4H		
	BF1		
NAPASKIAK	3C		
	4H		
	BF1		
NELSON LAGOON	KS		
NEW STUYAHOK	BF1		
	XG		
NEWTOK	3C		
	AS6		
	BF1		
NICHEN COVE	6S		
NIGHTMUTE	3C		
	AS6		
	BF1		
NIKOLAI	4H		
	8F		
NOATAK	6C		
	8B		
	AS5		
	XY		
NOME	4B		
	6C		
	8E		
	AS5		
	OT		
	XY		
NONDALTON	LS		
NOORVIK	6C		
	8B		
	AS5		
	XY		
NUIQSUT	6C		
NULATO	2F		
	4H		
	7K		
	AK		
NUNAPITCHUK	3C		
	4H		
	BF1		
OLD HARBOR	BF1		
	KS		
OLGA BAY	BF1		
	KS		
OUZINKIE	BF1		
	KS		
PARKS	KS		
PEDRO BAY	LS		
PELICAN	5B		
	IH		
	SE		
PERRYVILLE	RV		
PETERSBURG	4W		
	6D		
	SE		
PILOT POINT	9K		
Pilot Point—C/R	BF1		
Ugashik Bay—C/R	KS		
PILOT STATION	4H		
	BF1		
	XY		
PLATINUM	4H		
	AS6		
	BF1		
POINT BAKER	6S		
	KN		
POINT HOPE	6C		
	8B		
	AS5		
	XY		
POINT LAY	6C		
POLY INLET	6S		
	KN		
PORT ALEXANDER	5B		
PORT ALICE	6S		
PORT ALSWORTH	LS		
PORT ARMSTRONG	5B		
PORT BAILEY	BF1		
	KS		
PORT CLARENCE	AS5		
	XY		
PORT GRAHAM	4G		
	4R		
PORT HEIDEN	RV		
PORT LIONS	BF1		
	KS		
PORT MOLLER	KS		
PORT WILLIAMS	BF1		
	KS		
PORTAGE CREEK	8F1		
PROSPECT CREEK	2F		
PRUDHOE BAY/ DEADHORSE	6C		
QUINHAGAK	3C		
	4H		
	5N		
	AS6		
	BF1		
RAMPART	4E		
RED DEVIL	4H		
	8F		
	BF1		
ROWAN BAY	5B		
	6D		
RUBY	4H		
	7K		
	AK		
RUSSIAN MISSION	4H		
	BF1		
	XY		
SAINT GEORGE ISLAND	KS		
SAINT MARY'S	2E		BF
	4H		
	BF1		
	XY		
SAINT MICHAEL	6C		
	8E		
	AS5		
	BF1		
	XY		
SAINT PAUL ISLAND	KS		
	RV		
SAND POINT	RV		
SAVOONGA	6C		
	AS5		
	XY		
SCAMMON BAY	3C		
	4H		
	AS6		
	BF1		
SEAL BAY	BF1		
	KS		
SELAWIK	6C		
	8B		
	AS5		
	XY		
SELDOVIA	4G		
	4R		
SEWARD	8H		
SHAGELUK	4H		
	BF1		
	XY		
SHAKTOOLIK	6C		
	BF1		
	XY		
SHELDONS POINT	4H		
	BF1		
	XY		
SHEMYA	RV		
SHISHMAREF	6C		
	AS5		
	XY		
SHOAL COVE	6S		
	9Q		
SHUNGNAK	2F		
	6C		
	8B		
	AS5		
	XY		
SITKA	5B		AS
SKAGWAY	5U		
	AS3		
	SE		
SLEETMUTE	4H		
	BF1		
SMITH COVE	6S		
SOLDOTNA	UA1		
	XE		
SOUTH NAKNEK	9K		
	BF1		
	KS		
SPARREVOHN	4H		
STEBBINS	6C		
	8E		
	AS5		
	BF1		
	XY		
STEVENS VILLAGE	2F		
	7K		
STONY RIVER	4H		
TAKOTNA	4H		
TANANA	2F		
	4E		
	4H		
	7K		
TATALINA	4H		
TELIDA	4H		
TELLER	4B		
	6C		
	AS5		
	XY		
TELLER MISSION	4B		
	6C		
	AS5		
	XY		
TENAKEE	IH		
	SE		
TERROR BAY	BF1		
	KS		
TETLIN	6M		
THORNE BAY	6S		
	AS4		
TIN CITY	AS5		
	XY		
TOGIAK	BF1		
	XG		
TOK	6M		
TOKEEN	6S		
TOKSOOK BAY	3C		
	4H		
	AS6		
	BF1		
TULUKSAK	4H		
	BF1		
TUNTUTULIAK	3C		
	4H		
	AS6		
	BF1		
TUNUNAK	3C		
	4H		
	AS6		
	BF1		
TWIN HILLS	BF1		
UGANIK	BF1		
	KS		
UNALAKLEET	6C		BF
	8E		
	BF1		
	XY		
UTOPIA CREEK	4H		
VALDEZ	8F		
	AS6		
VENETIE	2F		
	7K		
	8V		
VIEW COVE	6S		
	KN		
WAINWRIGHT	6C		
	6Q		
WALES	4B		
	6C		
	AS5		
	XY		
WATERFALL	6S		
WEST POINT	BF1		
	KS		
WHALE PASS	6S		
	KN		
WHITE MOUNTAIN	4B		
	6C		
	AS5		
	XY		
WRANGELL	4W		AS
YAKUTAT			AS
ZACHAR BAY	KS		

Passenger Service in North America

	C/R	M	O
ARIZONA			
BULLHEAD CITY	HW		
	UE		
	YB		
	YW		
DOUGLAS	7C		
	YB		
FLAGSTAFF	DL4		HP
FORT HUACHUCA/ SIERRA VISTA	7C		
	YB		
	YW		
GRAND CANYON	7V		HP
Heliport—C,R	HI		
National Park—C,R	LW		
	UE		
	YR		
HAVASUPAI	HI		
KINGMAN	YB		
LAKE HAVASU	HW		
	UE		
	YW		
PAGE	DL4		
PHOENIX	7C	AA	AS
	DL4	BN	HP
	HW	CO	ML
	UE	DL	WN
	UJ	EA	
	XK	NW	
	YB	?I	
	YV	TW	
	YW	UA	
		US	
PRESCOTT	YB		
SEDONA	UJ		
TUCSON	UA5	AA	AS
		BN	HP
		CO	
		DL	
		NW	
		TW	
		UA	
		US	
WINSLOW	YB		
YUMA	DL4		HP
ARKANSAS			
CAMDEN	AD		
EL DORADO	AD		
FAYETTEVILLE	AA3		
	BN3		
	DL1		
	NW1		
	TW2		
FORT SMITH	AA3		
	BN3		
	DL1		
	NW1		
	TW2		
HARRISON	AD		
HOT SPRINGS	AD		
JONESBORO	AD		
LITTLE ROCK	BN3	AA	WN
		DL	
		NW	
		TW	
		UA	
TEXARKANA	AA2		
	DL1		
CALIFORNIA			
ARCATA/EUREKA	AA7		
	UA5		
BAKERSFIELD	AA7	AA	
	DL4		
	UA5		
BERMUDA DUNES	UE		
BIG BEAR	7V		
BISHOP	7V		
BLYTHE	UE		
BORREGO SPRINGS	DL4		
BURBANK	7V	AA	AS
	DL4	CO	HP
	SI	DL	
	UA5	TW	
	YW	UA	
		US	
CALEXICO	VL		
CHICO	UA5		
CONCORD		US	
CRESCENT	UA5		
FRESNO	AA7	DL	
	DL4	UA	
	SI	US	
	UA5		
IMPERIAL	DL4		
INYOKERN	AA7		
LAKE TAHOE	AA7	AA	
LONG BEACH	AA7	AA	AS
	UA5	DL	HP
	VL	TW	
		UA	
		US	
LOS ANGELES	7V	AA	AS
	AA7	BN	GM
	DL4	CO	HA
	PA2	DL	HP
	RM	EA	MG
	UA5	NW	WN
	UA6	PA	
	UE	PI	
	XK	TW	
	YW	UA	
		US	
MAMMOTH LAKES	7V		
MERCED	UA5		
MODESTO	AA7		
	UA5		
MONTEREY	AA7	UA	
	DL4	US	
	UA5		
OAKLAND	7V	AA	AS
	AA7	CO	HP
	FN	DL	
	SI	UA	
	UA5	US	
ONTARIO	DL4	AA	AS
	UA5	CO	HP
	UE	DL	WN
	YW	NW	
		TW	
		UA	
		US	
ORANGE COUNTY	AA7	AA	AS
	DL4	CO	HP
	PA2	DL	
	UA5	NW	
	XK	TW	
	YW	UA	
		US	
OXNARD/VENTURA	AA7		
	UA5		
PALM SPRINGS	AA7	AA	AS
	DL4	DL	HP
	UA5	TW	
		UA	
		US	
PLEASANTON	FN		
REDDING	AA7		
	UA5		
SACRAMENTO	AA7	AA	HP
Executive—C,R	DL4	CO	
Metropolitan—C,R, M, O	SI	DL	
	UA5	NW	
		UA	
		US	
SAN DIEGO	AA7	AA	AS
Brown—C,R	DL4	BN	HP
Lindbergh—C,R, M, O	UA5	CO	WN
	VL	DL	
	XK	NW	
	YW	PA	
		PI	
		TW	
		UA	
		US	
SAN FRANCISCO	AA7	AA	AS
	FN	BN	GM
	UA5	CO	HA
		DL	WN
		EA	
		NW	
		PA	
		PI	
		TW	
		UA	
		US	
SAN JOSE	7V	AA	AS
	AA7	CO	HP
	DL4	DL	
	UA5	TW	
		UA	
		US	
SAN LUIS OBISPO	AA7		
	DL4		
	UA5		
SANTA BARBARA	AA7	AA	
	DL4	UA	
	UA5		
SANTA MARIA	AA7		
	DL4		
	UA5		
SANTA ROSA	AA7		
	UA5		
SAUSALITO	FN		
STOCKTON	UA5	US	
VISALIA	AA7		
COLORADO			
ALAMOSA	CO1		
ASPEN	CO1		
	UA6		
COLORADO SPRINGS	CO1	AA	HP
	UA6	CO	
	YV	DL	
		TW	
		UA	
CORTEZ	CO1		
DENVER	8G	AA	HP
	BN3	BN	ML
	CO1	CO	YX
	JC	DL	
	UA6	EA	
	YV	NW	
		PI	
		TW	
		UA	
		US	
DURANGO	CO1		HP
	UA6		
	YV		
GRAND JUNCTION	CO1	CO	HP
	DL4		
	UA6		
GUNNISON	CO1	AA	
	UA6	DL	
LAMAR	BN3		
MONTROSE	CO1		
	UA6		
PUEBLO	CO1	TW	HP
STEAMBOAT SPS.	CO1	AA	HP
Hayden—MO		NW	
Steamboat Springs—C,R			
TELLURIDE	CO1		
	YV		
VAIL	CO1		
CONNECTICUT			
BRIDGEPORT	DL3		
	PI2		
	US5		
HARTFORD/ SPRINGFIELD	7G	AA	
	AA6	CO	
	CO4	DL	
	DL3	EA	
	EA1	NW	
	FH	PI	
	IN	TW	
	JO	UA	
	PA1	US	
NEW HAVEN	CO4		
	DL3		
	HQ		
	US4		
NEW LONDON/ GROTON	DL3		
	US4		
	XQ		
DIST. OF COLUMBIA			
WASHINGTON/ DULLES	AA1	AA	
	KF	CO	
	PA1	DL	
	UA4	NW	
	UA7	PA	
	WQ	TW	
		UA	
		US	
WASHINGTON/ NATIONAL	AA6	AA	ML
	CO4	BN	YX
	DL3	CO	
	EA6	DL	
	PA1	EA	
	PI1	NW	
	PI4	PA	
	UA7	PI	
	US4	TW	
	US6	UA	
		US	
FLORIDA			
DAYTONA BEACH	DL2	AA	
	UA7	CO	
		DL	
		EA	
		PI	
FORT LAUDERDALE	BK	AA	DH
	DF	BN	ML
	DL2	CO	YX
	PI1	DL	
	XW	EA	
	YI	NW	
		PI	
		TW	
		UA	
		US	
FORT MYERS	EA1	AA	ML
		BN	TZ
		CO	
		DL	
		EA	
		NW	
		PI	
		TW	
		UA	
		US	
FORT PIERCE	DL2		
	XW		
FORT WALTON BEACH	DL1	NW	
	EA4		
	OQ		
GAINESVILLE	DL1	EA	
	DL2	PI	
	PI1		
HOMESTEAD	GD		

Key
C/R Commuter/Regional Air Carriers
M Major Air Carriers
O Other Air Carriers

	C/R	M	O
JACKSONVILLE	DL2	AA	ML
	PI1	CO	
		DL	
		EA	
		PA	
		PI	
		TW	
		UA	
		US	
KEY WEST	DL2	EA	
	EA1	PI	
MARATHON	EA1		
	YI		
MELBOURNE	DL2	AA	
	PI1	CO	
	UA7	DL	
		EA	
MIAMI	4A	AA	FF
International—C/R, M, O	BK	BN	ML
	DF	CO	TV
Seaplane Base—C/R	DL2	DL	
	EA1	EA	
	GD	NW	
		PA	
		PI	
		TW	
		UA	
		US	
NAPLES	DL2	PI	
	EA1		
	PI1		
ORLANDO	DL2	AA	ML
	PI1	BN	
	US2	CO	
		DL	
		EA	
		NW	
		PA	
		PI	
		TW	
		UA	
		US	
PANAMA CITY	DL1	NW	
	EA4		
PENSACOLA	NW1	CO	
	OQ	DL	
	PI1	EA	
		PI	
SAINT PETERSBURG		AA	ML
SARASOTA/	EA1	AA	ML
BRADENTON	YI	CO	
		DL	
		EA	
		NW	
		TW	
		UA	
TALLAHASSEE	DL1	DL	
	DL2	EA	
	EA1	PI	
	EA4		
	PI1		
TAMPA	DL2	AA	ML
	EA1	BN	YX
	PI1	CO	
		DL	
		EA	
		NW	
		PA	
		PI	
		TW	
		UA	
		US	
VERO BEACH	US2		
WEST PALM BEACH	DF	AA	ML
	DL2	BN	
	PI1	CO	
	UA7	DL	
		EA	
		NW	

	C/R	M	O
		PI	
		TW	
		UA	
		US	
GEORGIA			
ALBANY	DL1		
	EA4		
ATHENS	PI3		
ATLANTA	DL1	AA	DH
	EA4	BN	ML
	EA5	CO	YX
	HY	DL	
		EA	
		NW	
		PA	
		PI	
		TW	
		UA	
		US	
AUGUSTA	DL1	DL	
	EA4	PI	
	PI3		
BRUNSWICK	DL1		
	PI1		
COLUMBUS	DL1	DL	
	EA4		
MACON	DL1		
	EA4		
	PI3		
	EA5		
		AA	
		DL	
		EA	
		PI	
		UA	
VALDOSTA	DL1		
HAWAII			
HANA	AQ1		
	WP		
HILO	2L		AQ
			HA
HONOLULU	3R	AA	AQ
	AQ1	CO	GM
	PV	DL	HA
	WP	NW	
		PA	
		TW	
		UA	
HOONEKOA	3R		HA
	AQ1		
	WP		
KAHULUI	3R	AA	AQ
	AQ1	DL	GM
	WP	UA	HA
KALAUPAPA	3R		
	WP		
KAMUELA	AQ1		
	WP		
KAPALUA	AQ1		HA
	PV		
	WP		
KAUAI ISLAND	AQ1	UA	AQ
Lihue Municipal—M, O	WP		HA
Princeville—C/R			
KONA	2L	UA	AQ
			HA
LANAI CITY	3R		HA
	AQ1		
	WP		

	C/R	M	O
IDAHO			
BOISE	AS1	DL	AS
	DL4	UA	HP
	EM		
COEUR D'ALENE	EM		
IDAHO FALLS	AS1	AA	
	DL4	DL	
LEWISTON	AS1		
	EM		
	UA3		
POCATELLO	AS1		
	DL4		
SUN VALLEY	AS1		
TWIN FALLS	AS1		
	DL4		
ILLINOIS			
BLOOMINGTON-	CO2		
NORMAL	ML1		
	TW2		
CARBONDALE	DE		
CHAMPAIGN	CO2	PI	
	ML1	TW	
	TW2		
	UA4		
CHICAGO	4Q	AA	HP
Meigs—C/R	AA4	BN	ML
Midway—C/R, M, O	CO2	CO	WN
O'Hare—C/R, M, O	IU	DL	
Palwaukee—C/R	ML1	EA	
	ML2	NW	
	QS	PA	
	TW1	PI	
	UA4	TW	
	UA6	UA	
	UO	US	
	US1		
	ZK		
DANVILLE	CO2		
DECATUR	CO2		
	TW2		
	US1		
GALESBURG	CO2		
MARION	TW2		
MATTOON	CO2		
MOLINE	AA4	NW	HP
	BN3	TW	
	CO2	UA	
	ML1		
	NW3		
	TW1		
	UA4		
MOUNT VERNON	DE		
PEORIA	AA4	TW	
	CO2	UA	
	ML1		
	NW1		
	TW1		
	UA4		
	US1		
PERU	QS		
QUINCY	CO2		
	TW2		
ROCKFORD	ML1		
	NW1		
SPRINGFIELD	AA4		
	CO2		
	ML1		
	TW1		
	US1		
STERLING	QS		
INDIANA			
ELKHART	ML2		
EVANSVILLE	AA5	PI	
	CO2	US	
	DL2		
	NW1		

	C/R	M	O
	PI2		
	TW2		
	UA4		
FORT WAYNE	AA5	AA	
	DL2	DL	
	ML1	NW	
	PI2	PI	
	UA4		
	US1		
INDIANAPOLIS	CO2	AA	TZ
	DL2	BN	
	ML1	CO	
	NW1	DL	
	PI2	EA	
	US1	NW	
		PA	
		PI	
		TW	
		UA	
		US	
KOKOMO	UO		
LAFAYETTE	CO2		
	ML1		
	PI2		
MUNCIE	CO2		
SOUTH BEND	AA4	NW	
	AA5	PI	
	CO2		
	DL2		
	ML1		
	TW2		
	UA4		
	US1		
TERRE HAUTE	CO2		
	US1		
IOWA			
BURLINGTON	CO2		
	TW1		
CEDAR RAPIDS	AA4	NW	HP
	BN3	TW	
	JT	UA	
	NW1		
	TW2		
	UA4		
CLINTON	QS		
DES MOINES	BN3	AA	HP
	JT	NW	ML
	NW3	TW	
	ZK	UA	
DUBUQUE	AA4		
	JT		
	ML2		
FORT DODGE	NW1		
	ZK		
MASON CITY	NW1		
	ZK		
OTTUMWA	ZK		
SIOUX CITY	BN3	TW	HP
	NW1	UA	
	TW1		
SPENCER	ZK		
WATERLOO	AA4		
	BN3		
	ML2		
	NW1		
	TW2		
	ZK		
KANSAS			
DODGE CITY	BN3		
GARDEN CITY	BN3		
GOODLAND	BN3		
GREAT BEND	BN3		
HAYS	BN3		
HUTCHINSON	BN3		
LIBERAL	BN3		
MANHATTAN	BN3		

	C/R	M	O
PARSONS	BN3		
SALINA	BN3		
TOPEKA	BN3		
WICHITA	BN3	AA	HP
		BN	
		CO	
		NW	
		TW	
		UA	
		US	
KENTUCKY			
LEXINGTON	AA5	DL	
	DL2	PI	
	EA4	TW	
	PI2	US	
	UA4		
	US1		
LOUISVILLE	AA4	AA	
	AA5	DL	
	DL2	EA	
	IU	NW	
	PI2	PI	
		TW	
		UA	
		US	
OWENSBORO	NW1		
	US1		
PADUCAH	AA5		
	NW1		
	TW2		
LOUISIANA			
ALEXANDRIA	AA2		
	CO2		
	DL1		
	NW1		
	OQ		
BATON ROUGE	OQ	AA	
		CO	
		DL	
		NW	
LAFAYETTE	AA3	CO	
	DL1		
	OQ		
LAKE CHARLES	AA3		
	CO2		
MONROE	AA2	DL	
	NW1		
	OQ		
NEW ORLEANS	JQ	AA	ML
	CO	WN	
		DL	
		EA	
		NW	
		PA	
		PI	
		TW	
		UA	
		US	
SHREVEPORT	AA2	AA	
	CO2	DL	
	OQ	NW	
MAINE			
AUGUSTA	2V		
	EA1		
	OO		
BANGOR	2V	DL	
	CO4	UA	
	DL3		
	EA1		
BAR HARBOR	EA1		
FRENCHVILLE	2V		
LEWISTON AUBURN	2V		
PORTLAND	2V	CO	
	DL3	DL	
	EA1	UA	
PRESQUE ISLE	2V		
	DL3		
	EA1		
ROCKLAND	2V		
WATERVILLE	2V		
MARYLAND			
BALTIMORE	BE	AA	DH
	CO4	CO	HP
	NQ	DL	
	PA1	EA	
	PI1	NW	
	PI2	PI	
	UA4	TW	
	US5	UA	
		US	
CUMBERLAND	NQ		
HAGERSTOWN	PI2		
	US2		
OCEAN CITY	NQ		
SALISBURY	PI1		
MASSACHUSETTS			
BEDFORD	KF		
BOSTON	2V	AA	ML
	5E	BN	YX
	AA6	CO	
	DL3	DL	
	EA1	EA	
	EA3	NW	
	IN	PA	
	KF	PI	
	PA1	TW	
	PI1	UA	
	PI4	US	
	RP		
BOXBOROUGH	5E		
BURLINGTON	5E		
CAMBRIDGE	5E		
CHICOPEE	7G		
	IN		
HYANNIS	8T		
	CO4		
	DL3		
	DV		
	EA1		
MARLBOROUGH	5E		
MARTHA'S	DL3		
VINEYARD	EA1		
	JO		
NANTUCKET	8T		
	DL3		
	DV		
	EA1		
	FX		
	JO		
NEW BEDFORD	FX		
STOW	5E		
WOBURN	5E		
WORCESTER	CO4	NW	
	EA1	PI	
	UA7	US	
MICHIGAN			
ALPENA	AA4		
BENTON HARBOR	ML2		
DETROIT	AA4	AA	GM
City—C.R. O	DL2	BN	ML
Metro Wayne—C.R. M. O	GS	CO	WN
	NW3	DL	YX
	PI2	EA	
		NW	
		PA	
		PI	
		TW	
		UA	
ESCANABA	AA4	US	
FLINT	AA4	CO	
	CO2	PI	
	NW3		
	PI2		
GRAND RAPIDS	AA4	AA	
	DL2	NW	
	ML1	PI	
	NW1	UA	
		US	
HANCOCK	AA4		
	MQ		
IRON MOUNTAIN	ZK		
IRONWOOD	MQ		
	ZK		
JACKSON	AA4		
KALAMAZOO	AA4	NW	
	DL2	PI	
	ML1		
	UA4		
LANSING	AA4	CO	
	DL2	NW	
	ML1	PI	
	UA4		
MANISTEE	ZK		
MARQUETTE	AA4		
	MQ		
MENOMINEE	ZK		
MUSKEGON	AA4		
	ML1		
PELLSTON	AA4		
	NW3		
SAGINAW	CO2	CO	
		NW	
		UA	
SAULT SAINTE MARIE	AA4		
TRAVERSE CITY	4Q		
	AA4		
	ML1		
	NW3		
MINNESOTA			
BEMIDJI	CH		
	NW3		
BRAINERD	NW3		
DULUTH	NW1	NW	
FAIRMONT	ZK		
GRAND RAPIDS	NW3		
HIBBING/CHISHOLM	NW1		
INTERNATIONAL FALLS	NW1		
MANKATO	CH		
MARSHALL	WV		
MINNEAPOLIS	CH	AA	HP
	MQ	BN	ML
	NW1	CO	
	NW3	DL	
	WV	NW	
	ZK	PA	
		PI	
		TW	
		UA	
		US	
ROCHESTER	TW2	AA	
		NW	
THIEF RIVER FALLS	NW3		
WORTHINGTON	CH		
MISSISSIPPI			
COLUMBUS	AA5		
	DL1		
	NW1		
GREENVILLE	NW1		
GULFPORT	EA4	NW	
	OQ		
JACKSON	OQ	AA	
		DL	
		NW	
		UA	
LAUREL	DL1		
	NW1		
MERIDIAN	AA5		
	DL1		
	NW1		
TUPELO	AA5		
	NW1		
MISSOURI			
CAPE GIRARDEAU	TW2		
COLUMBIA	BN1		
	TW1		
FORT LEONARD WOOD	TW2		
	ZV		
JOPLIN	BN3		
	NW1		
	TW1		
KANSAS CITY	BN1	AA	HP
	BN3	BN	ML
	CO	WN	
	DL		
	EA		
	NW		
	PI		
	TW		
	UA		
	US		
KIRKSVILLE	BN1		
SAINT LOUIS	9N	AA	WN
	AD	BN	
	DE	CO	
	DL2	DL	
	TW1	EA	
	TW2	NW	
		PI	
		TW	
		UA	
		US	
SPRINGFIELD	AA3	CO	
	BN3	TW	
	NW1	UA	
	TW1		
	ZV		
MONTANA			
BILLINGS	AS1	CO	
	DL4	DL	
	NW4	NW	
	UA6	UA	
BOZEMAN	DL4	CO	
	NW4	DL	
		NW	
BUTTE	DL4	DL	
	NW4		
GLASGOW	NW4		
GLENDIVE	NW4		
GREAT FALLS	AS1	DL	
	DL4	NW	
	NW4	UA	
	UA6		
HAVRE	GQ		
	NW4		
HELENA	AS1	DL	
	DL4		
	NW4		
KALISPELL	AS1	DL	
	NW4		
	UA3		
LEWISTOWN	NW4		
MILES CITY	NW4		
MISSOULA	AS1	CO	
	DL4	DL	
	NW4	NW	
	UA3		
SIDNEY	NW4		
WOLF POINT	NW4		

Key
C/R Commuter/Regional Air Carriers
M Major Air Carriers
O Other Air Carriers

	C/R	M	O
NEBRASKA			
ALLIANCE	8G		
CHADRON	8G		
COLUMBUS	BN1		
	CT		
GRAND ISLAND	8G		
	BN1		
	BN3		
HASTINGS	8G		
KEARNEY	8G		
LINCOLN	8G	TW	HP
	BN3	UA	
	NW3		
	TW1		
MCCOOK	8G		
NORFOLK	BN1		
	CT		
NORTH PLATTE	8G		
	CO1		
OMAHA	8G	AA	HP
	BN1	BN	ML
	BN3	CO	
	CT	DL	
	NW3	NW	
		TW	
		UA	
SCOTTSBLUFF	8G		
	CO1		
SIDNEY	8G		
NEVADA			
BATTLE MOUNTAIN	SI		
ELKO	DL4		
ELY	DL4		
LAS VAGAS	DL4	AA	GM
	HW	BN	HA
	LW	CO	HP
	OQ	DL	ML
	YB	NW	WN
	YR	TW	
		UA	
		US	
MINDON	SI		
RENO	DL4	AA	HP
	SI	CO	
	UA5	DL	
		NW	
		UA	
		US	
NEW HAMPSHIRE			
KEENE	EA3		
LACONIA	2V		
LEBANON	DL3		
	EA3		
MANCHESTER	CO4	UA	
	DL3	US	
	EA3		
	RP		
NEW JERSEY			
ATLANTIC CITY	7D	US	
Bader—C/R	7C		
Pomona—C/R, O	CO3		
Steel Pier—C/R	EA6		
	IN		
	JI		
	PI2		
	PI4		
	TW3		
	US5		
NEWARK	CO3	AA	YX
	CO4	CO	
	EA3	DL	
	FH	EA	
	JO	NW	
	KF	PI	
	FI2	TW	
	PI4	UA	
		US	
TRENTON	PI1		
NEW MEXICO			
ALAMOGORDO	2R		
	YV		
ALBUQUERQUE	2R	AA	HP
	YV	BN	WN
	ZD	CO	
		DL	
		TW	
		UA	
		US	
CARLSBAD	YV		
CLOVIS	YV		
FARMINGTON	UA6		
	YV		
GALLUP	YV		
HOBBS	YV		
LAS CRUCES	YV		
LOS ALAMOS	ZD		
ROSWELL	YV		
RUIDOSO	2R		
SANTA FE	YV		
SILVER CITY	YV		
TAOS	YV		
NEW YORK			
ALBANY	AA6	AA	
	CO4	EA	
	DL3	NW	
	EA1	PI	
	EA3	UA	
	FH	US	
	KF		
	PA1		
	PI4		
	UA7		
BINGHAMTON	CO4	PI	
	PI4	US	
	UA7		
	US4		
BUFFALO	FH	AA	
	PA1	CO	
	PI4	EA	
		NW	
		PI	
		UA	
		US	
EAST HAMPTON	IN		
	YL		
ELMIRA/CORNING	CO4	PI	
	PI4	US	
	US4		
FARMINGDALE	JI		
FISHERS ISLAND	XQ		
GARDEN CITY	HD		
ISLIP	DL3	AA	
	EA3	EA	
	PI1	PI	
	UA7	US	
	US6		
ITHACA	CO4	PI	
	KF	US	
	PI4		
	US4		
JAMESTOWN	US2		
MASSENA	PI4		
NEW YORK/J F KENNEDY	AA6	AA	FF
	HD	DL	HP
West 30th Street Heliport—C/R	PA1	EA	MG
	PI1	NW	
East 34th Street Heliport—C/R	RP	PA	
	TW3	PI	
	US4	TW	
		UA	
		US	
NEW YORK LA GUARDIA	AA6	AA	ML
	DL3	BN	YX
	EA1	CO	
	EA3	DL	
	EA6	EA	
	IN	NW	
	KF	PA	
	PA1	PI	
	PI4	TW	
	US4	UA	
	YL	US	
OGDENSBURG	PI4		
ONEONTA	KF		
PLATTSBURGH	PI4		
POUGHKEEPSIE	AA6		
	DD		
	PI4		
ROCHESTER	CO4	AA	
	FH	CO	
	PA1	EA	
	PI4	NW	
		PI	
		UA	
		US	
SARANAC LAKE	PI4		
SYRACUSE	CO4	AA	
	FH	CO	
	PA1	EA	
	PI4	NW	
		PI	
		TW	
		UA	
		US	
UTICA	KF	PI	
	PI4		
WATERTOWN	PI4		
WHITE PLAINS	AA6	NW	
	DL3	UA	
	FH		
	PI1		
	PI4		
	UA7		
	US4		
NORTH CAROLINA			
ASHEVILLE	AA1	PI	
	AA5		
	DL1		
	EA4		
	PI3		
CHARLOTTE	EA4	AA	
	PI1	DL	
	PI3	EA	
		PA	
		PI	
		TW	
		UA	
		US	
FAYETTEVILLE	AA1	AA	
	DL1	PI	
GREENSBORO	8R	AA	
	AA1	DL	
	BE	EA	
		PI	
		UA	
		US	
GREENVILLE	3L		
	AA1		
	PI3		
HICKORY	PI3		
JACKSONVILLE	AA1	PI	
	PI3		
KINSTON	PI3	PI	
NEW BERN	AA1		
	PI1		
RALEIGH/DURHAM	3L	AA	
	AA1	DL	
	PI3	EA	
		PA	
		PI	
		TW	
		UA	
		US	
ROCKY MOUNT	PI3		
WILMINGTON	AA1	PI	
	PI3		
WINSTON-SALEM	PI3		
NORTH DAKOTA			
BISMARCK	NW4	CO	
		DL	
		NW	
DEVILS LAKE	NW3		
	XJ		
FARGO	NW3	NW	
		UA	
GRAND FORKS	NW3	NW	
JAMESTOWN	NW3		
MINOT		CO	
		NW	
WILLISTON	NW4		
OHIO			
AKRON/CANTON	DL2	AA	
	NW3	EA	
	PI2	PI	
	UA4		
	US2		
CINCINNATI	AA5	AA	
	BE	BN	
	DL2	DL	
	IU	NW	
		PA	
		PI	
		TW	
		UA	
		US	
CLEVELAND	7R	AA	ML
Burke Lakefront—C/R	CO2	BN	
Hopkins—C/R, M, O	DL2	CO	
	NW3	DL	
	PI2	EA	
	US5	NW	
		PA	
		PI	
		TW	
		UA	
		US	
COLUMBUS	BE	AA	ML
	CO2	BN	
	DL2	CO	
	NW1	DL	
	PI2	EA	
	SX	NW	
		PI	
		TW	
		UA	
		US	
DAYTON	AA5	AA	
	BE	DL	
	DL2	NW	
	NW3	PI	
	PI2	TW	
		UA	
		US	
MANSFIELD	7R		
TOLEDO	AA4	DL	
	CO2	PI	
	DL2	TW	
	NW3	US	
	PI2		
	TW2		
	UA4		
YOUNGSTOWN	GS		
	UA4		
	US3		

	C/R	M	O
OKLAHOMA			
ENID	AD		
LAWTON	AA3		
	DL1		
MCALESTER	AD		
OKLAHOMA CITY		AA	WN
		BN	
		CO	
		DL	
		NW	
		TW	
		UA	
PONCA CITY	AD		
TULSA	AD	AA	WN
	BN3	BN	
		CO	
		DL	
		NW	
		TW	
		UA	
OREGON			
EUGENE	AS1	AA	
	UA3	UA	
		US	
KLAMATH FALLS	AA7		
	AS1		
MEDFORD	AS1	UA	
	UA3	US	
NORTH BEND	AS1		
PENDLETON	AS1		
PORTLAND	AS1	AA	AS
	UA2	CO	HA
	UA3	DL	HP
		EA	
		NW	
		TW	
		UA	
		US	
REDMOND/BEND	AS1	US	
	UA3		
SALEM	AS1		
PENNSYLVANIA			
ALLENTOWN/	CO4	EA	
BETHLEHEM	EA3	NW	
	PI1	UA	
	PI2	US	
	UA7		
	US6		
ALTOONA	US4		
BLUE BELL	WQ		
BRADFORD	US2		
COATESVILLE	2D		
DUBOIS	US3		
ERIE	CO2	US	
	NW3		
	US5		
FRANKLIN	US3		
HARRISBURG	AA1	AA	
	EA3	NW	
	PI1	TW	
	PI2	UA	
	UA4	US	
	US4		
	US5		
JOHNSTOWN	US4		
LANCASTER	US6		
LATROBE	US3		
PHILADELPHIA	2D	AA	ML
	AA6	BN	YX
	CO4	CO	
	DL3	DL	
	EA3	EA	
	PA1	NW	
	PI4	PI	
	US4	TW	
PITTSBURGH	US5	UA	
	US6	US	
	WQ		
	SX	AA	ML
	US2	CO	
	US3	DL	
	US4	EA	
	US6	NW	
		PA	
		PI	
		TW	
		UA	
		US	
READING	US6		
STATE COLLEGE	PI2		
	US4		
WILKES-BARRE/	CO4	EA	
SCRANTON	EA3	US	
	PI1		
	PI2		
	PI4		
	UA7		
	US6		
WILLIAMSPORT	US4		
RHODE ISLAND			
BLOCK ISLAND	EJ		
PROVIDENCE	8T	AA	
	AA6	CO	
	CO4	EA	
	DL3	NW	
	JO	PI	
	PA1	UA	
	PI4	US	
WESTERLY	EJ		
SOUTH CAROLINA			
CHARLESTON		AA	
		DL	
		EA	
		PI	
		UA	
COLUMBIA	EA4	AA	
	PI3	DL	
	UA7	EA	
		PI	
		UA	
FLORENCE	EA5		
	PI1		
GREENVILLE/	BE	AA	
SPARTANBURG	DL1	DL	
	PI3	EA	
	UA7	NW	
		PI	
		US	
HILTON HEAD	EA5		
ISLAND	PI1		
MYRTLE BEACH	AA1	PI	
	DL1	US	
	EA5		
SOUTH DAKOTA			
ABERDEEN	NW3		
BROOKINGS	NW3		
HURON	NW3		
MITCHELL	NW3		
PIERRE	CO1		
	NW3		
RAPID CITY	CO1	DL	
	UA6	NW	
		UA	
SIOUX FALLS	NW3	DL	
		NW	
		TW	
		UA	
WATERTOWN	NW3		
YANKTON	BN1		
	CT		
TENNESSEE			
CHATTANOOGA	DL2	AA	
	EA4	DL	
	HY	NW	
	PI3	PI	
CLARKSVILLE	DE		
JACKSON	NW1		
KNOXVILLE	AA1	DL	
	AA5	NW	
	DL2	PI	
	EA4	UA	
	PI3	US	
	TW2		
	UA7		
MEMPHIS	AD	AA	ML
	NW1	DL	
		NW	
		PI	
		TW	
		UA	
		US	
NASHVILLE	8N	AA	WN
	AA5	DL	
	DL2	EA	
		NW	
		PA	
		PI	
		TW	
		UA	
		US	
TRI-CITY	AA1	PI	
	AA5	US	
	DL1		
	DL2		
	EA4		
	PI1		
	UA4		
TEXAS			
ABILENE	AA2		
	DL1		
AMARILLO	CO1	AA	WN
		DL	
AUSTIN	5C	AA	HP
		CO	WN
		DL	
		NW	
		PA	
		TW	
		UA	
		US	
BEAUMONT/PORT	5C		
ARTHUR	AA3		
	CO2		
	DL1		
BROWNWOOD	AD		
COLLEGE STATION	AA2		
	CO2		
	DL1		
CORPUS CHRISTI	5C	AA	WN
		CO	
DALLAS/FORT	5L	AA	ML
WORTH	AA2	BN	WN
D/FW International—C/R, M, O	AA3	CO	YX
	AD	DL	
Love Field—O	DL1	NW	
	UA6	PA	
	YV	PI	
		TW	
		UA	
		US	
EL PASO	2R	AA	HP
		CO	WN
		DL	
		UA	
HARLINGEN		AA	WN
		CO	
HOUSTON	5C	AA	WN
Hobby—C/R, M, O	CO2	BN	
Intercontinental—C/R, M, O		CO	
		DL	
		EA	
		NW	
		PA	
		PI	
		TW	
		UA	
		US	
KILLEEN	AA2		
	DL1		
LAREDO	5L		
	AA2		
	CO2		
LONGVIEW	AA3		
	DL1		
	FY		
LUBBOCK		AA	HP
		DL	WN
MCALLEN	5C	CO	
MIDLAND/ODESSA		AA	HP
			WN
PARIS	AD		
SAN ANGELO	5C		
	AA2		
	DL1		
SAN ANTONIO	5C	AA	WN
	5L	BN	
		CO	
		DL	
		NW	
		PA	
		TW	
		UA	
		US	
TEMPLE	AD		
TYLER	5C		
	AA3		
	DL1		
	FY		
VICTORIA	CO2		
WACO	AA2		
	DL1		
WICHITA FALLS	AA2		
	DL1		
UTAH			
CEDAR CITY	5A		
	DL4		
DELTA	5A		
MOAB	5A		
MOUNT PLEASANT	5A		
NEPHI	5A		
PRICE	5A		
PROVO	5A		
RICHFIELD	5A		
SAINT GEORGE	5A		
	DL4		
SALINA	5A		
SALT LAKE CITY	5A	AA	HP
	AS1	CO	
	DL4	DL	
	YV	EA	
		NW	
		PA	
		TW	
		UA	
VERNAL	DL4		
VERMONT			
BURLINGTON	DL3	CO	
	EA1	UA	
	PI4	US	
MONTPELIER	EA3		
RUTLAND	EA3		

Key
C/R Commuter/Regional Air Carriers
M Major Air Carriers
O Other Air Carriers

	C/R	M	O
VIRGINIA			
CHARLOTTESVILLE	PI1	PI	
	UA4		
	US2		
DANVILLE	PI3		
LYNCHBURG	AA1	PI	
	PI1		
	PI2		
	UA7		
	US2		
NEWPORT NEWS	AA1	US	
	PI1		
	UA7		
	US5		
NORFOLK	PA1	AA	
	PI1	DL	
		EA	
		NW	
		PI	
		TW	
		UA	
		US	
RICHMOND	8R	AA	
	AA1	DL	
	PI1	EA	
	UA4	PI	
	US6	UA	
		US	
ROANOKE	AA1	PI	
	DL1		
	DL2		
	PI1		
	UA4		
	UA7		
	US2		
STAUNTON	PI2		
	UA7		
WASHINGTON			
BELLINGHAM	AS1	US	
	UA2		
	YS		
EASTSOUND	UA2		
FRIDAY HARBOR	5K		
	7L		
	UA2		
KENMORE	5K		
LOPEZ ISLAND	5K		
	7L		
MOSES LAKE	AS1		
OAK HARBOR	HG		
PASCO	AS1	DL	
	UA3	US	
PORT ANGELES	AS1		
	UA2		
PULLMAN/MOSCOW	AS1		
	UA3		
ROCHE HARBOR	5K		
	7L		
ROSARIO	5K		
	7L		
SEATTLE	5K	AA	AS
	7L	BN	HA
	AS1	CO	HP
	HG	DL	
	PN	EA	
	UA2	NW	
	UA3	PA	
	YS	PI	
		TW	
		UA	
		US	
SEQUIM	PN		
SPOKANE	AS1	CO	AS
	NW4	DL	
	UA3	NW	
		UA	
WALLA WALLA	AS1		

	C/R	M	O
WENATCHEE	AS1		
	UA3		
WESTSOUND	7L		
YAKIMA	AS1	US	
	UA3		
WEST VIRGINIA			
BECKLEY	PI3		
BLUEFIELD	PI3		
CHARLESTON	DL1	PI	
	DL2	US	
	PI1		
	PI3		
	SX		
	UA4		
CLARKSBURG	UA7		
	US3		
ELKINS	UA7		
HUNTINGTON	DL2	PI	
	PI3	US	
LEWISBURG	DL2		
	PI1		
	US2		
MORGANTOWN	UA7		
	US3		
PARKERSBURG/ MARIETTA	US3		
WISCONSIN			
APPLETON	NW1	NW	YX
	UA4		
EAGLE RIVER	4Q		
EAU CLAIR	NW1	NW	
GREEN BAY	AA4	NW	
	BE		
	ML1		
	NW1		
	UA4		
JANESVILLE	8M		
LA CROSSE	AA4	NW	
	UA4		
MADISON	AA4	NW	YX
	ML1	TW	
	NW1	UA	
	TW1		
MANITOWOC	ZK		
MILWAUKEE	8M	AA	YX
	AA4	BN	
	BE	CO	
	DL2	EA	
	ML1	NW	
	NW1	TW	
	NW3	UA	
		US	
MINOCQUA	4Q		
OSHKOSH	ML1		
	NW1		
	UA4		
RHINELANDER	NW1		
	UA4		
WAUSAU	AA4		
	NW3		
	UA4		
WYOMING			
CASPER	CO1	DL	
	DL4		
	UA6		
CHEYENNE	CO1		
	UA6		
CODY	CO1		
	UA6		
	YV		
GILLETTE	UA6		
JACKSON	CO1	AA	
	DL4	DL	
	UA6		
	YV		

	C/R	M	O
LARAMIE	UA6		
	YV		
RIVERTON	CO1		
	YV		
ROCK SPRINGS	CO1		
	DL4		
SHERIDAN	UA6		
WORLAND	YV		
PUERTO RICO			
CULEBRA	FK		
DORADO	KW		
FAJARDO	FK		
	VI		
MAYAGUEZ	AA8		
	EA4		
PONCE	AA8		
SAN JUAN	AA8	AA	
Isla Grande—C/R	EA4	DL	
L.M.M. International—C/R, M	FK	EA	
	KW	TW	
	OY		
	QY		
	TW4		
	VI		
	ZE		
	ZP		
VIEQUES	FK		
	KW		
	VI		
VIRGIN ISLANDS			
SAINT CROIX	3G	AA	ML
Alexander Hamilton—C/R, M, O	AA8	EA	
	DQ	PA	
Seaplane Base—C/R	EA4		
	OY		
	TW4		
	VI		
	ZE		
SAINT JOHN	3G		
	TW4		
SAINT THOMAS	3G	AA	ML
Cyril King—C/R, M, O	AA8	EA	
Seaplane Base—C/R	EA4	PA	
	FK		
	KW		
	OY		
	QY		
	TW4		
	VI		
	ZE		
	ZP		
BAHAMAS			
BIMINI	BK		
International—C/R	DF		
North Seaplane Base—C/R			
CAT CAY	BK		
FREEPORT	DF	EA	
	DL2	PA	
	EA1	TW	
	PI1		
GEORGE TOWN	DF		
GOVERNORS HARBOUR	4A		
	DF		
	EA1		
	PI1		
MARSH HARBOUR	4A		
	DF		
	PI1		
NASSAU	BK	BN	ML
International—C/R, M, O	PI1	DL	
		EA	
Seaplane Base—C/R		PA	
		PI	
		TW	

NORTH ELEUTHERA	4A		
	DF		
	PI1		
ROCK SOUND	4A		
	DF		
	EA1		
	PI1		
TREASURE CAY	4A		
	DF		
	DL2		
	EA1		
	PI1		
WALKERS CAY	XW		
WEST END	DF		
CANADA			
CALGARY		CO	HP
		DL	
		UA	
DAWSON CITY	6M		
EDMONTON		DL	HP
		NW	
HAMILTON	PA1		
	US2		
LONDON	CO2		
MONTREAL	DL3	AA	
	FH	DL	
		EA	
		NW	
		PI	
		US	
NANAIMO	5K		
OTTAWA		EA	
		PI	
		US	
PENDER HARBOR	5K		
TORONTO	DL2	AA	
	DL3	EA	
	FH	NW	
		UA	
		US	
VANCOUVER	7L	AA	
Coal Harbour Seaplane—C/R	UA2	CO	
	YS	DL	
International—C/R, M		UA	
VICTORIA	7L		
Inner Harbour—C/R	UA2		
International—C/R			
WINNIPEG		NW	
MEXICO			
ACAPULCO		AA	
		CO	
		DL	
CANCUN		AA	
		CO	
		NW	
		UA	
COZUMEL		AA	
		CO	
GUADALAJARA		AA	
		CO	
		DL	
IXTAPA/ ZIHUATANEJO		CO	
		DL	
LA PAZ	XK		
LORETO	XK		
MAZATLAN		CO	AS
		DL	
MERIDA		CO	
MEXICO CITY		AA	
		CO	
		DL	
		PA	
MONTERREY	5L	CO	
PUERTO VALLARTA		AA	AS
		CO	
		DL	
		NW	

Passenger Service in North America

	C/R	M	O
SAN FELIPE	VL		
SAN JOSE DEL CABO	XK	CO	
[redacted]			
ANGUILLA, W.I.	AA8		
	DQ		
ANTIGUA, W.I.	AA8	AA	DH
		EA	
ARUBA, Neth. Antilles		AA	
		CO	
		EA	
BARBADOS, Barbados		AA	
		EA	
		PA	
BEEF ISLAND, Tortola, British W.I.	AA8		
	EA4		
BERMUDA		AA	
		DL	
		EA	
		PA	
CURACAO, Neth. Antilles		AA	
		EA	
DOMINICA, W.I.	ZE		
FORT DE FRANCE, Martinique	AA8		DH
GRAND CAYMAN, Cayman Islands		EA	
		NW	
GRAND TURK, Turks/Caicos		PA	
KINGSTON, Jamaica		AA	
		EA	
LA ROMANA, Dominican Republic	AA8		
MONTEGO BAY, Jamaica		AA	
		CO	
		EA	
		NW	
NEVIS, L...	DQ		
POINTE-A-PITRE, Guadeloupe	AA8		DH
PORT AU PRINCE, Haiti		AA	
		EA	
		PA	
PROVIDENCIALES, Turks/Caicos		PA	
PUERTO PLATA, Dominican Republic	AA8	AA	
		CO	
		PA	
SAINT BARTHELEMY, Guadeloupe	DQ		
	ZP		
SAINT KITTS, L.I.	AA8		
SAINT LUCIA, W.I.		AA	
SAINT MAARTEN, Neth. Antilles		AA	
		CO	
		EA	
		PA	
SANTO DOMINGO, Dominican Republic	AA8	AA	
		EA	
		PA	
TORTOLA British W.I.	3G		
VIRGIN GORDA, British W.I.	AA8		
	EA4		

Key

C/R Commuter/Regional Air Carriers

M Major Air Carriers

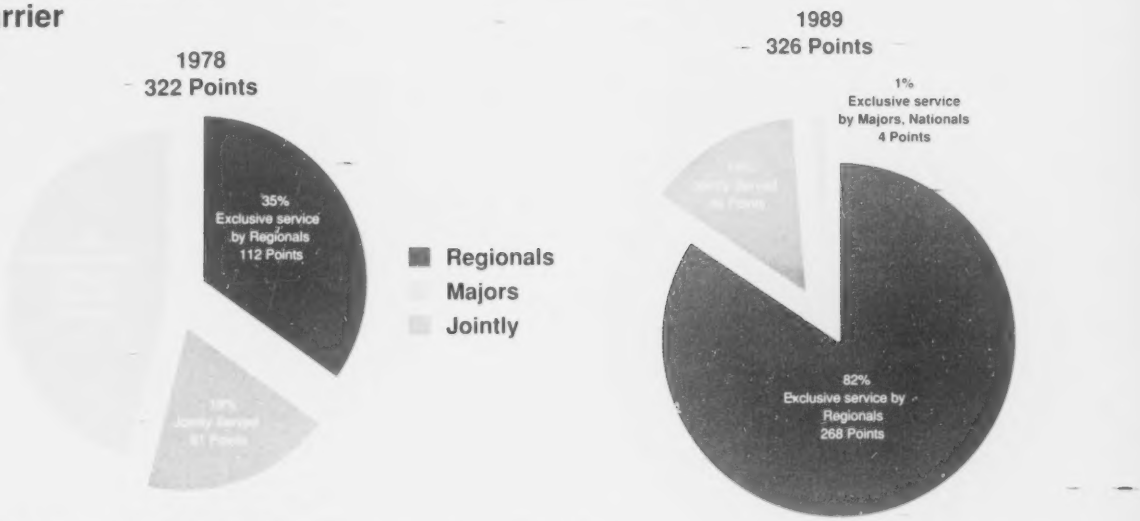
O Other Air Carriers

Essential Air Service

A key component of the Airline Deregulation Act of 1978 was the guarantee of essential air service (EAS) to small and medium size communities. The original essential air service program provided for a continuation of air transportation for 10 years to all cities certificated on the date of the Act's enactment into law, October 24, 1978.

The essential air service program was modified and extended by the Airport and Airway Safety and Capacity Expansion Act of 1987, enacted into law December 30, 1987. The new EAS program, effective October 1, 1988 through September 30, 1988, will permit new and/or enhanced service for many cities, but require communities to be located 45 miles or more from the nearest hub airport to be eligible for service. Airline service must now be provided two times per day six days per week, in aircraft with an effective capacity of 15 passengers or more unless passenger traffic has continually been less than 11 persons per flight, or the community agrees to the usage of smaller aircraft. However, all aircraft must be twin engine, 2 pilot equipment and be pressurized if the flight regularly exceeds 8,000 feet. Additionally, compensation rules for carriers providing subsidized essential air service were modified.

Essential Air Service by Carrier



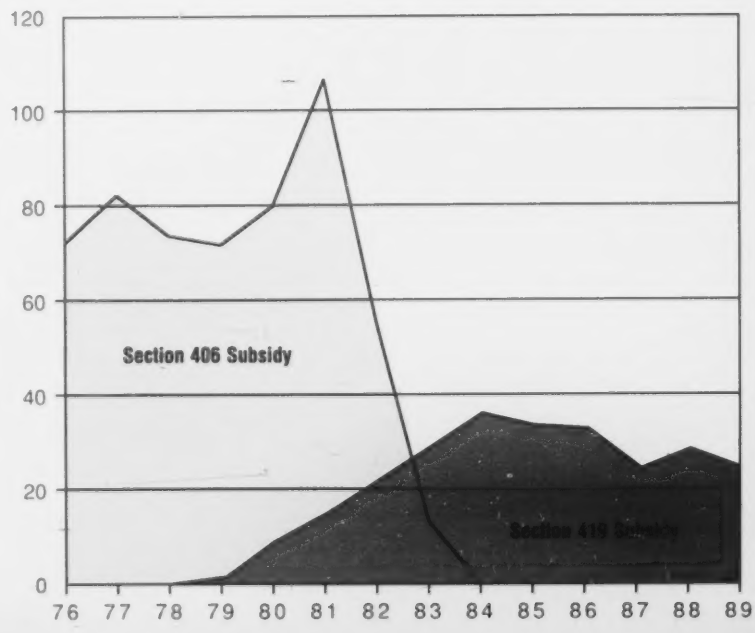
Regional Airlines serve 96% of all Essential Air Service Communities. 82% of EAS Points are served exclusively by Regional Airlines. (48 states).

Charts derived from table: Summary of Passenger Service by State
Note: Nine authorized EAS points are not currently receiving service.

Essential Air Service Subsidy Payments

Year	Section 406 Subsidy (Million)	Section 419 Subsidy (Million
1950	35.0	—
1976	72.5	—
1977	82.2	—
1978	73.9	—
1979	72.1	0.5
1980	80.1	9.0
1981	106.7	15.0
1982	55.1	26.0
1983	13.5	39.8
1984	-0-	36.0
1985	-0-	33.7
1986	-0-	33.4
1987	-0-	24.0
1988	-0-	28.4
1989	-0-	25.0

Source: Regional Airline Association



Essential Air Service

Summary of Essential Air Service by State

State	Essential Air Service Communities 1980	1978	E.A.S. Service Exclusively by Regionals 1980	1978	E.A.S. Service Exclusively by Major/National 1980	1978	E.A.S. Service by Major/National and Regional 1980	1978
Alabama	5	5	5	0	0	5	0	0
Arizona	7	6	4	3	0	0	3	3
Arkansas	7	7	7	2	0	3	0	2
California	21	21	16	6	0	10	4	5
Colorado	9	9	8	2	0	4	1	3
Connecticut	3	3	3	3	0	0	0	0
Florida	5	5	2	1	0	2	3	2
Georgia	8	8	6	2	0	6	2	0
Hawaii	4	3	3	3	0	0	1	0
Idaho	4	4	4	1	0	2	0	1
Illinois	12	12	11	3	0	4	1	5
Indiana	6	6	5	6	0	0	0	0
Iowa	7	6	7	1	0	4	0	1
Kansas	11	11	11	11	0	0	0	0
Kentucky	2	2	2	1	0	1	0	0
Louisiana	3	3	2	0	0	0	1	3
Maine	7	7	5	4	0	1	2	2
Maryland	2	3	2	3	0	0	0	0
Massachusetts	5	5	5	4	0	1	0	0
Michigan	17	17	15	1	0	16	1	0
Minnesota	9	9	8	0	0	9	1	0
Mississippi	7	8	6	1	1	7	0	0
Missouri	6	6	5	1	0	2	1	3
Montana	8	9	7	1	0	8	0	0
Nebraska	11	11	11	1	0	8	0	2
Nevada	2	2	2	0	0	2	0	0
New Hampshire	4	4	4	3	0	0	0	1
New Jersey	3	3	2	3	0	0	0	0
New Mexico	9	9	9	1	0	6	0	2
New York	13	13	10	9	0	2	3	2
North Carolina	9	8	4	1	0	6	5	1
North Dakota	3	2	3	0	0	2	0	0
Ohio	3	3	2	1	0	2	1	0
Oklahoma	4	4	4	2	0	0	0	2
Oregon	6	6	4	0	0	0	2	6
Pennsylvania	11	10	9	7	1	3	0	0
Puerto Rico	2	2	2	2	0	0	0	0
South Carolina	3	3	1	0	0	2	2	1
South Dakota	7	7	7	0	0	7	0	0
Tennessee	2	1	2	0	0	0	0	1
Texas	16	16	13	8	2	5	0	3
Utah	3	3	3	2	0	1	0	0
Vermont	2	2	2	2	0	0	0	0
Virginia	7	6	2	0	0	6	4	0
Washington	6	7	4	5	0	0	2	2
West Virginia	7	7	7	1	0	1	0	5
Wisconsin	10	10	5	2	0	6	4	2
Wyoming	8	8	7	2	0	5	1	1
Total	328	323	280	112	4	169	43	91

Source: Regional Airline Association

Section 419 Compensation by Carrier and Community October 1, 1988

Carriers[1]	Communities[2]	Annual Amount[3]	No. of Points
Valley Airlines	Lewiston/Auburn, ME	269,755	1
Sky West Airlines	Ely, NV	359,194	1
Friendship Air Alaska	Nyac, AK	4,800	1
Mesa Airlines	Silver City/Hurley/Deming, NM	169,390	1
Precision Airlines	Montpelier/Barre, VT	235,371	1
CCAir	Winston/Salem, NC	95,328	1
Horizon Air	Salem, OR	148,239	1
Crown Airways	Oil City/Franklin, PA	128,504	1
Exec Express II	Temple, TX	425,825	1
Simmons Airlines (1)	Jackson, MI	321,657	1
Big Sky Transportation	Glasgow, Glendive, Havre, Lewiston, Miles City, Sidney, Wolf Point, MT; Williston, ND	1,612,106	8
Propheter Aviation	Sterling/Rock Falls, IL	248,011	1
CCAir	Danville, VA	217,856	1
Mesaba Aviation	Devils Lake, Jamestown, SD	588,792	2
Executive Air Charter	Ponce, PR	265,058	1
Alpine Aviation	Moab, UT	172,930	1
Alaska Airlines	Cordova, Gustavus, Petersburg, Wrangell, Yakutat, AK	1,414,021	5
Peninsula Airways	Kodiak Bush Community Cluster, AK	215,006	19
Sky West Airlines	Cedar City, UT	190,642	1
Sky West Airlines	Page, AZ	177,433	1
MST Aviation	Beloit/Janesville, WI	259,000	1
Presidential Express	Clarksburg/Fairmont, Morgantown, WV	257,659	2
Air LA	Blythe, CA	354,336	1
Golden Pacific Airlines	Winslow, AZ	203,654	1
Exec Express II	Enid, Ponca City, OK	375,291	2
Atlantic Southeast Airlines	Gadsden, AL	183,137	1
Chitina Air Service	Boswell Bay, Cape Yakataga, Icy Bay, AK	98,217	3
Presidential Express	Elkins, WV	263,096	1
WestAir Airlines	Crescent City, CA	154,660	1
Air Midwest	Dodge City, Garden City, Goodland, Great Bend, Hays, Hutchinson, Parsons, KS; Lamar, CO; Liberal, KS/Guymon, OK	1,586,263	9
Direct Air	Kokomo/Logansport/Peru, IN	401,175	1
Presidential Express	Hot Springs, VA	150,017	1
Bemidji Airlines	Mankato, Worthington, MN	359,199	2
Golden Pacific Airlines	Kingman, AZ	263,591	1
Brockway Air	Massena, Ogdensburg, Plattsburgh, Saranac Lake, Watertown, NY	831,445	5
CCAir	Beckley, Princeton/Bluefield, WV	145,031	2
GP Express Airlines	Hastings, Kearney, McCook, Alliance, Chadron, Sydney, NE	1,336,360	6
40-Mile Air	Chisana, AK	14,193	1
Sportsman Flying Service	May Creek, McCarthy, AK	18,227	2
Simmons Airlines (1)	Sault Ste. Marie, Alpena, MI	242,317	2
CCAir	Rocky Mount/Wilson, NC	180,492	1
Mesa Airlines	Gallup, NM	85,690	1
Friendship Air Alaska (1)	Cape Newenham, AK	28,822	1
GP Express	North Platte, Scottsbluff, NE	548,444	2
GP Express	Grand Island, NE	457,977	1
Harbor Air Service	Seward, AK	53,331	1
Peninsula Airways	Atka, AK	370,770	1

Section 419 Compensation by Carrier and Community October 1, 1988 (continued)

Carriers[1]	Communities[2]	Annual Amount[3]	No. of Points
Exec Express II	El Dorado/Camden, Harrison, Hot Springs, Jonesboro, AR	1,592,265	4
Mesa Airlines	Worland, WY	352,655	1
Midcontinent Airlines	Columbus, Norfolk, NE; Yankton, SD	654,236	3
Horizon Air	Ephrata/Moses Lake, WA	164,336	1
Great Lakes Aviation	Manistee/Ludington, MI; Manitowoc, WI; Marinette, WI/ Menominee, MI	1,065,119	3
Valley Airlines	Laconia, NH	249,786	1
WestAir Airlines	Merced, CA	310,521	1
Mesaba Aviation	Brookings, Huron, Mitchell, SD	326,813	3
Mesa Airlines	Alamogordo/Holloman AFB, NM	165,766	1
Prime Air	Mt. Vernon, IL; Clarksville, TN/Ft. Campbell/ Hopkinsville, KY	615,543	2
Peninsula Airways	St. George, AK	110,250	1
Yute Air Alaska	Portage Creek, AK	10,192	1
Yute Air Alaska	Twin Hills, AK	1,363	1
Exec Express II	Brownwood, TX	189,876	1
Exec Express II	McAlester, OK; Paris, TX	568,548	2
Midcontinent Airlines	Kirksville, MO	235,637	1
Propheter Aviation	Clinton, IA	203,708	1
Great Lakes Aviation	Ottumwa, IA	238,498	1
CCAir	Athens, GA	111,702	1
Mesa Airlines	Hobbs, NM	60,121	1
Aleutian Air	Nikolski, AK	39,570	1
Air Micronesia	Rota, North Marianas	628,680	1
40-Mile Air	Central, Circle, AK	40,634	2
GCS Air Service	Mansfield, OH	383,527	1
Great Lakes Aviation	Fairmont, MN	303,427	1
Great Lakes Aviation	Ironwood, MI/Ashland, WI; Iron Mountain/Kimsford, MI	365,597	2
Iowa Airways	Benton Harbor/St. Joseph, MI; Elkhart, IN	499,181	2
Mesa Airlines	Santa Fe, NM	132,314	1
Rocky Mountain Airways	Pierre, SD	371,165	1
Sky West Airlines	Vernal, UT	203,784	1
Reeve Aleutian	Port Heiden, Sand Point, Perryville, Ivanoff Bay, False Pass, King Cove, AK	1,042,724	6
	Total—Lower 48 States & Puerto Rico	**23,629,095**	**106**
	Average Per Point	**222,916**	
	Total—Alaska	**3,462,075**	**46**
	Average Per Point	**75,263**	
	Total	**27,719,850**	**153**
	Average Per Point	**181,175**	

[1] The final rates of compensation for some carriers have expired. Carries now operating under interim rates pending the outcome of rate renewal and/or carrier selection cases are indicated by an "(1)" after name.

[2] This amount will be paid to the carrier pursuant to the rate agreement in each case assuming that the carrier operates the agreed upon completion factor.

[3] Annual subsidy subject to revenue sharing adjustment.

Essential Air Service Determinations

State and Order Number	City	Hub	Distance to Hub	Allowed Stops	Guaranteed Essential Air Service: Frequency	Guaranteed Essential Air Service: Inbound and Outbound Seats per Day: 9-Seats or Smaller	Guaranteed Essential Air Service: Inbound and Outbound Seats per Day: 14-Seats or Larger	Actual Available Service 1/90: Daily Roundtrips: C/R	Actual Available Service 1/90: Daily Roundtrips: Other	Actual Available Service 1/90: Daily Seats: C/R	Actual Available Service 1/90: Daily Seats: Other
Alabama											
83-7-32	Anniston	ATL	82	0	2wd/4we	80wd/160we	62wd/124we	5		150	
83-7-32	Dothan	ATL	171	1	2d	80	62	13		344	
84-12-91	Gadsden	ATL	98	0	2wd/2we	14	11	2		60	
83-7-32	Muscle Shoals/Florence/	ATL &	198	1	2wd/4we	80wd/160we	62wd/124we	3		90	
	Sheffield/Tuscumbia	MEM	136	1	2wd/4we	80wd/160we	62wd/124we	4		76	
83-7-32	Tuscaloosa	ATL	186	1	2d	80	62	2		60	
Arizona											
84-4-66	Flagstaff	PHX	140	0	2wd/2we	80	62	3	6	57	216
84-4-66	Grand Canyon	LAS	169	0	2d	80	62	7	2	111	72
84-4-66	Kingman	PHX or	181	1	2wd/2we	16	33	2		16	
		LAS	193	0	2wd/2we	16	33	3		24	
84-4-66	Page	PHX or	286	2	2wd/2we	22	17	2		38	
		LAS	289	2	2wd/2we	22	17				
84-4-66	Prescott	PHX	96	0	2wd/2we	22	17	6		48	
86-12-70	Winslow	PHX	187	1	2wd/2we	6	6	2		16	
84-4-66	Yuma	PHX or	183	0	2d	80	62	7	5	133	180
		LAX	269	1	2d	80	62	3		57	
Arkansas											
87-3-74	El Dorado/Camden	DFW &	241	1	2wd/2we	41	31	3		24	
		MEM	206	1	2wd/2we	41	31	2		16	
84-5-78	Fayetteville	DFW &	274	2	2d	80	62	10		328	
		MEM or	245	1	2d	80	62	4		136	
		MCI	223	1	2d	80	62	3		57	
84-5-78	Fort Smith	DFW &	232	1	2d	80	62	11		358	
		MEM	249	1	2d	80	62	4		136	
85-10-46	Harrison	STL &	230	1	2wd/2we	20	15	2		16	
		MEM or	200	1	2wd/2we	20	15	2		16	
		DFW	320	2	2wd/2we	20	15	3		24	
84-5-78	Hot Springs	MEM &	182	1	2wd/2we	42	32				
		DFW	255	2	2wd/2we	42	32				
87-3-74	Jonesboro	MEM	66	0	2wd/2we	24	18	3		24	
84-5-78	Texarkana	DFW &	183	1	2d	80	62	12		239	
		MEM	254	1	2d	80	62				
California											
84-11-16	Bakersfield	SFO &	228	0	2d	80	62	5		150	
		LAX	108	0	2d	80	62	14		277	
84-11-16	Blythe	LAX	201	1	2wd/2we	12	9	2		16	
84-11-16	Chico	SFO[1]	145	1	2wd/2we	80	62	4		76	
84-11-16	Crescent City	SFO[1]	294	2	2wd/2we	11	8	2		60	
84-11-16	El Centro	LAX or	173	1	2d	80	62	3		57	
		SAN	94	0	2d	80	62	1		19	
84-11-16	Eureka/Arcata	SFO	235	1	2d	80	62	8		327	
84-11-16	Inyokern	LAX	120	1	2wd/2we	80	62	3		95	
84-11-16	Lake Tahoe	SFO[1]	150	1	2d	80	62	5	1	95	117
87-6-53	Merced	SFO &	111	0	2wd/2we	44	34	4		72	
		LAX	265	2	2wd/2we	44	34	2		36	
84-11-16	Modesto	SFO &	82	0	2d	80	62	7		133	
		LAX[1]	292	0	3wd/3we	80	62	3		57	
84-11-16	Orange County/	LAX	32	0	2d	80	62	25		505	
	Santa Ana/Anaheim										
84-11-16	Oxnard/Ventura	LAX	59	0	2d	80	62	10		174	
84-11-16	Palmdale/Lancaster	LAX	55	0	2wd/2we	32	25				
84-11-16	Red Bluff/Redding	SFO	190	1	2d	80	62	8		196	
84-11-16	Salinas/Monterey	SFO &	87	0	2d	80	62	12	4	273	468
		LAX	270	2	2d	80	62	7	3	417	270
84-11-16	San Luis Obispo/	SFO &	144	1	2d	80	62	9		171	
	Paso Robles	LAX	191	1	2d	80	62	14		262	
84-11-16	Santa Barbara	SFO &	250	2	2d	80	62	3	4	79	512
		LAX	100	0	2d	80	62	22		427	
84-11-16	Santa Maria	SFO &	225	2	2d	80	62	2		38	
		LAX	146	0	2d	80	62	10		162	
85-5-128	Santa Rosa	SFO	56	0	2wd/2we	N/S	N/S	11		237	
84-11-16	Stockton	SFO &	67	0	2d	80	62	5		117	
		LAX	315	1	2d	80	62	3		170	
87-6-53	Visalia	SFO &	195	1	2wd/2we	50	38	3		57	
		LAX	170	1	2wd/2we	50	38	3		57	
Colorado											
84-6-19	Alamosa	DEN	169	1	2wd/2we	64	49	3		57	
84-6-19	Aspen	DEN	113	0	2d	80	62	23		1,324	
84-6-19	Cortez	DEN	265	2	2wd/2we	58	45	2		69	
84-6-19	Durango	DEN &	188	1	2d	80	62	7		318	
		ABQ	152	N/S	2d	80	62	2		30	
		FMN or	39	N/S	2d	80	62	5		145	
		Other	PHX	N/S	2d	80	62		1		117
84-6-19	Gunnison	DEN	139	1	2d 2wd/2we[2]	80/72[2]	62/55[2]	5		157	
85-7-65	Lamar[1]	DEN	166	1	2wd/2we	12	12	2		38	
84-6-19	Montrose/Delta	DEN	184	1	2d	80	62	4		169	

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Colorado (continued)											
84-6-19	Pueblo	DEN	104	0	2wd/2we	80	62	4		76	
84-6-19	Steamboat Springs/ Hayden/Craig	DEN	113	0	2d	80	62	9		450	
Connecticut											
83-7-20	Bridgeport	BOS	137	1	2wd/2we	70	54	6		114	
83-7-20	New Haven	NYC & BOS	65 125	0 1	2d 2wd/2we	80 80	62 62	10		224	
83-7-20	New London/Groton	NYC	102	1	2d	80	62	6		180	
83-7-20	Stamford	No service required									
Florida											
83-9-45	Ft. Walton Beach[4]	ATL & MSY	250 185	1 1	2d 2wd/2we	80 80	62 62	12 3		488 57	
83-9-45	Gainesville	ATL & MIA TPA or ORL	300 295 115 90	1 1 0 0	2d 2d 2d 2d	80 80 80 80	62 62 62 62	5	5 3 7	150	605 210 152
83-9-45	Key West	MIA	126	0	2d	80	62	9	8	249	606
83-9-45	Lakeland	No service required									
83-9-45	Melbourne	ATL & TPA MCO or MIA	443 115 55 160	1 0 0 1	2d 2wd/2we 2wd/2we 2wd/2we	80 80 80 80	62 62 62 62	6	8 1	152	883 121
83-9-45	Panama City	ATL & MCO or TPA	247 288 235	1 1 1	2d 2wd/2we 1	80 80 2wd/2we	62 62 80	14 62		439	
Georgia											
84-2-20	Albany	ATL	146	0	2wd/4we	80	62	12		306	
88-2-31	Athens	ATL or CLT	67	0 1	2wd/2we 2wd/2we	80 80	62 62	7		144	
84-2-20	Augusta	ATL	143	0	2wd/4we	80	62	9	6	210	637
84-2-20	Brunswick/ St. Simons Island	ATL	247	1	2wd/2we	80/65[5]	62/50[5]	4		120	
84-2-20	Columbus	ATL	83	0	2wd/4we	80	62	12	3	317	312
84-2-20	Macon	ATL	79	0	2wd/4we	80	62	12		357	
84-2-20	Moultrie/Thomasville	ATL	186	1	2wd/2we	36	28	2		38	
84-2-20	Valdosta	ATL	208	1	2wd/2we	80/152[11]	62/116[11]	3		108	
Hawaii											
83-12-10	Hana	HNL & OGG	128 28	N/S N/S	2d 2d	52 52	40 40	4 4		76 76	
83-12-10	Kamuela	HNL & OGG	141 75	N/S N/S	2d 2d	28 28	22 22	2 2		38 38	
83-12-10	Lanai	HNL & OGG	73 34	N/S N/S	2d 2d	80 80	62 62	6 6		81 70	
87-4-30	Molokai	HNL & OGG		0 0	2d 2d	80 80	62 62	19 9	8 2	240 127	400 100
Idaho											
84-3-115	Lewiston/Clarkston	BOI & SEA	198 262	1 2	2d 2d	80 80	62 62	7 4		133 76	
83-5-50	Pocatello	SLC & BOI	150 189	0 1	2d 2d	80 80	62 62	5 4		106 95	
83-5-50	Sun Valley/Hailey/ Ketchum	BOI & SLC	96 223	0 1	8/wk[11] 8/wk[11]	560/280[12] 560/280[12]	434/215[12] 434/215[12]	4 4		152 152	
86-7-48	Twin Falls	SLC	175	1	2d	80	62	5		106	
Illinois											
81-10-6	Bloomington	CHI & STL	114 142	0 1	2d 2d	80 80	62 62	8 5		227 95	
80-2-124	Champaign/Urbana	CHI & STL	130 143	0 1	2d 2d	80 80	62 62	13 7	2	477 177	194
80-2-124	Danville	CHI	116	0	2wd/2we	80	62	4		76	
80-2-124	Decatur	CHI & STL	152 110	1 0	2d 2d	80 80	62 62	4 8		126 174	
80-2-124	Galesburg	CHI	153	1	2wd/2we	52	40	4		76	
80-2-124	Marion/Herrin	STL	100	0	2d	80	62	6		114	
80-2-124	Mattoon/Charleston	CHI & STL	168 123	1 1	2wd/2we 2wd/2we	46 46	35 35	3		57	
85-8-62	Mount Vernon	STL or CHI	87 217	0 2	2wd/2we 2wd/2we	10 10	8 8	2		16	
80-2-124	Quincy/Hannibal, MO	CHI & STL	224 94	1 0	2d 2d	80 80	62 62	3 4		57 76	
84-8-20	Rockford	CHI or DEN & DTW	72	0 2 2	2d 2d 2d	80 80 80	62 62 62	5		95	

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Illinois (continued)											
81-10-6	Springfield	CHI &	173	0	2d	80	62	14		366	
		STL	84	0	2d	80	62	11		209	
85-7-52	Sterling/Rock Falls	CHI	100	0	2wd/2we	16	13	3		24	
Indiana											
83-6-3	Bloomington	CHI &	198	1	2d	80	62				
		IND	44	0	2d	80	62				
83-6-3	Elkhart	CHI	92	0	2d	80	62	2		38	
83-6-3	Kokomo/Logansport/ Peru	CHI	139	0	2wd/2we	12	12	2		16	
83-6-3	Lafayette	CHI	110	0	2d	80	62	9		221	
83-6-3	Muncie/Anderson/ New Castle	CHI	167	1	2wd/2we	66	51	3		57	
83-6-3	Terre Haute	CHI &	169	1	2d	80	62	5		95	
		IND	58	0	2d	80	62	2		30	
Iowa											
84-5-74	Burlington	CHI &	191	1	2d	80	62	5		95	
		STL	146	1	2d	80	62	4		76	
87-9-64	Clinton	CHI	125	1	2wd/2we	4	4	3		24	
84-5-74	Dubuque	CHI	156	1	2d	80	62	8		220	
86-8-27	Fort Dodge	CHI	333	2	2wd/2we	34	26				
		DSM	75	0	2wd/2we	34	26				
		MSP or	168	1	2wd/2we	34	26	3		57	
		OMA	123	0	2wd/2we	34	26				
86-8-27	Mason City	CHI	298	2	2wd/2we	52	40	4		60	
		DSM	113	1	2wd/2we	52	40				
		MSP or	120	1	2wd/2we	52	40	5		95	
		OMA	184	1	2wd/2we	52	40				
87-9-64	Ottumwa	CHI or	249	1	2wd/2we	8	8				
		DSM or	69	0	2wd/2we	8	8	2		30	
		MLI	104	0	2wd/2we	8	8				
84-5-74	Waterloo	CHI &	242	2	2d	80	62	4		68	
		DEN	678	2	2d	80	62				
		STL or	284	2	2d	80	62	4		98	
		MSP	167	1	2d	80	62	5		95	
Kansas											
85-7-60	Dodge City	ICT	139	0	2wd/2we	24	18	2		38	
85-7-60	Garden City	DEN &	257	2	2wd/2we	46	35	2		38	
		ICT	182	1	2wd/2we	46	35	2		38	
85-7-60	Goodland	DEN	172	1	2wd/2we	10	10	2		38	
85-7-60	Great Bend	MCI or		2	2wd/2we	22	17	2		38	
		ICT	92	0	2wd/2we	22	17	1		19	
85-7-60	Hays	DEN &	307	2	2wd/2we	42	32	2		38	
		MCI or	246	2	2wd/2we	42	32	2		38	
		ICT	130	1	2wd/2we	42	32	1		19	
85-7-60	Hutchinson	ICT	37	0	2wd/2we	6	6	2		38	
85-7-60	Independence/Parsons/ Coffeyville	MCI	137	0	2wd/2we	8	8				
		ICT or		0	2wd/2we	8	8	1		19	
		TUL		0	2wd/2we	8	8	1		19	
85-7-60	Liberal/Guymon, OK	DEN	384	2	2wd/2we	42	32	2		38	
85-7-60	Manhattan/Ft. Riley/ Junction City	MCI	108	1	2d	80	62	12		218	
85-7-60	Salina	MCI	165	1	2wd/2we	58	45	4		91	
84-8-84	Topeka	MCI	55	0	2d	80	62	14		178	
Kentucky											
85-5-83	London/Corbin	No service required.									
84-3-71	Owensboro	SDF	84	0	2wd/2we	56	43	2		38	
87-12-31	Paducah	STL &	145	1	2d	80	62	5		95	
		MEM or	154	1	2d	80	62	4		91	
		BNA or	133	0	2d	80	62	3		57	
		SDF	183	1	2d	80	62	3		57	
Louisiana											
84-2-5	Alexandria	DFW &	296	2	2d	80	62	7		166	
		MSY	160	1	2d	80	62	3		57	
84-2-5	Lafayette	MSY &	151	0	2d	80	62	3		57	
		IAH	215	1	2d	80	62	1	3	19	311
84-2-5	Lake Charles	IAH &	141	0	2d	80	62	6		180	
		MSY	218	1	2d	80	62				
84-2-5		Shreveport			EAS determination withdrawn at community's request						
Maine											
84-7-76	Augusta/Waterville	BOS	156	0	2wd/2we	80	62	4		76	
84-7-76	Bangor	BOS	201	0	2d	80	62	4	7	178	596
84-7-76	Bar Harbor	BOS	196	1	2d 2we/2wd[13]	80/24[13]	62/18[13]	2		38	
85-3-73	Lewiston/Auburn[9]	BOS	122	1	2wd/2we	10	10	3		24	

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Maine (continued)											
84-7-76	Portland	BOS	95	0	2d	80	62	12	5	239	767
84-7-76	Presque Isle/Houlton	BOS	332	1	2d	80	62	3		72	
84-7-76	Rockland	BOS	151	1	2wd/2we	78/26[1]	60/20[1]	3		24	
Maryland											
83-6-70	Hagerstown/ Martinsburg, WV	BWI or WAS	62 68	0 0	2d 2d	80 80	62 62	6		114	
83-6-70	Salisbury	BWI or WAS	85 102	0 0	2d 2d	80 80	62 62	10 3		340 98	
Massachusetts											
84-5-86	Hyannis	BOS & NYC[1]	61 203	0 1	2d 2d	80 80	62 62	9 6		218 98	
84-5-86	Martha's Vineyard	BOS &[1] NYC	70 180	1 1	2d 2d	90 80	62 62	5 4		91 68	
84-5-86	Nantucket	HYA & BOS	30 91	0 1	2d 2d	80 80	62 62	20 4		281 81	
84-5-86	New Bedford/ Fall River	ACK & NYC	55 169	1 0	2d 2wd/2we	80 80	62 62	7		98	
84-5-86	Worcester	NYC	153	0	2d	80	62	8		279	
Michigan											
84-11-17	Alpena	DTW	192	1	2wd/2we	26	20	2		72	
84-12-6	Battle Creek	CHI	138	0	2d	80	62				
84-11-17	Benton Harbor/ St. Joseph	CHI	71	0	2wd/2we	80	62	3		57	
84-11-17	Escanaba	GRB MKE or CHI	99 195 268	0 1 2	2d 2d 2d	80 80 80	62 62 62	1 2		36 72	
84-11-17	Flint	DTW & CHI	55 223	0 2	2d 2d	80 80	62 62	6 4		131 144	
84-11-17	Hancock/Houghton	CHI[1] MKE or GRB	370 239 186	2 2 1	2d 2d 2d	80 80 80	62 62 62	3		144	
88-5-30	Iron Mountain/Kingsford	CHI MKE or GRB	273 198 90	2 2 1	2wd/2we 2wd/2we 2wd/2we	34 34 34	26 26 26	4		76	
88-5-30	Ironwood/Ashland, WI	CHI MKE or GRB or MSP	272 198 92 257	2 2 1 1	2wd/2we 2wd/2we 2wd/2we 2wd/2we	22 22 22 22	17 17 17 17	3		57	
85-8-61	Jackson	CHI or DTW	171 65	1 0	2wd/2we 2wd/2we	9 9	9 9	2		72	
84-11-17	Kalamazoo	CHI & DTW	116 65	0 0	2d 2d	80 80	62 62	15	4	537	360
84-11-17	Manistee/Ludington	CHI	182	1	2wd/2we	6	6	2		38	
85-9-70	Marinette/Menominee	CHI MKE or GRB	224 151 47	2 1 0	2wd/2we 2wd/2we 2wd/2we	10 10 10	8 8 8	3		57	
84-11-17	Marquette	CHI MKE or GRB	320 240 145	2 1 1	2d 2d 2d	80 80 80	62 62 62	2 2		96 96	
85-2-2	Muskegon	CHI	118	1	2d	80	62	9		239	
84-11-17	Pellston	DTW & CHI	239 295	1 2	2wd/2we 1wd/1we	80 80	62 62	2 2		100 96	
84-11-17	Sault Ste. Marie	DTW	286	2	2wd/2we	30	23	2		72	
84-11-17	Traverse City	CHI & DTW	226 207	1 1	2d 2d	80 80	62 62	5 3		211 150	
Minnesota											
84-9-43	Bemidji	MSP	190	1	2d	80	62	4		99	
84-9-43	Brainerd	MSP	135	0	2d 2wd/2we[1]	80/62[1]	62/48[1]	3		119	
84-9-43	Chisholm/Hibbing	MSP	165	1	2d	80	62	4		106	
84-9-43	Duluth/Superior, WI	MSP	150	0	2d	80	62	4	4	106	593
83-12-115	Fairmont	MSP	140	1	2wd/2we	14	14	2		30	
84-9-43	International Falls	MSP	260	2	2d 2wd/2we	80/54	62/42	4		76	
83-12-115	Mankato	MSP	70	0	2wd/2we	10	10	3		45	
83-5-132	Thief River Falls	MSP	261	2	2wd/2we	24	18	3		57	
84-9-43	Winona	No service required. Community served through LaCrosse, WI.									
83-12-115	Worthington	MSP	170	2	2wd/2we	6	6	3		45	
Mississippi											
33-12-27	Columbus	ATL & MEM	241 136	1 0	2d 2d	80 80	62 62	2 4		60 136	
83-12-27	Greenville	MEM	122	0	2wd/4we	80	62	4		106	
85-9-66	Greenwood	No service required									
83-12-27	Gulfport/Biloxi	ATL & MSY	352 70	2 0	2d 2d	80 80	62 62	3 6		95 114	
83-12-27	Jackson/Vicksburg	ATL & DFW	341 409	1 1	2d 2d	80 80	62 62		5 8		630 1,109

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Mississippi (continued)											
83-12-27	Laurel/Hattiesburg	Any two									
		ATL	323	2	2d	80	62	2		60	
		MSY or	115	0	2d	80	62				
		MEM	250	2	2d	80	62	2		38	
84-11-59	Meridian	ATL &	267	2	2d	80	62	3		90	
		MEM	200	1	2d	80	62	4		76	
83-12-27	Natchez	No service required									
83-12-27	Tupelo	ATL &	253	2	2wd/2we	80	62				
		MEM	88	0	2wd/2we	80	62	5		140	
85-9-66	University/Oxford	No service required									
Missouri											
84-3-98	Cape Girardeau/ Sikestown	STL	114	1	2wd/2we	62	48	3		57	
84-3-98	Columbia/ Jefferson City	STL &	195	0	2d	80	62	13		247	
		MCI	152	0	2wd/2we	80	62	5		95	
84-3-98	Ft. Leonard Wood	STL	119	0	2wd/2we	28	22	3		72	
86-5-39	Joplin	MCI &	142	0	2d	80	62	4		76	
		STL	243	1	2d	80	62	5		95	
84-9-75	Kirksville	STL or	149	1	2wd/2we	8	8				
		MCI		1	2wd/2we	8	8	2		36	
84-3-98	Springfield	STL &	195	1	2d	80	62	6	4	172	402
		MCI or	152	1	2d	80	62	5		110	
		DEN		2	2d	80	62		2		238
Montana											
84-1-96	Glasgow	BIL	189	1	2wd/2we	10	8	2		27	
84-1-96	Glendive	BIL	201	1	2wd/2we	6	5	2		16	
84-1-96	Havre	GTF	107	0	2wd/2we	6	5				
84-1-96	Lewiston	BIL	92	0	2wd/2we	2	2	2		16	
84-1-96	Miles City	BIL	135	1	2wd/2we	4	3	2		16	
84-1-96	Sidney	BIL	245	1	2wd/2we	14	11	2		38	
87-5-76	West Yellowstone	DEN or	480	2	2wd/2we	24/58	19/45				
		SLC	282	2	2wd/2we	24/58	19/45				
84-1-96	Wolf Point	BIL	212	1	2wd/2we	8	6	2		27	
Nebraska											
85-9-51	Alliance	DEN	210	1	2wd/2we	8	8	2		16	
85-9-51	Chadron	DEN	240	2	2wd/2we	8	8	2		16	
84-5-102	Columbus	OMA	95	1	2wd/2we	6	6	2		38	
84-11-94	Grand Island	DEN &	357	2	2d	80	62	2		30	
		OMA	128	1	2d	80	62	2		30	
84-11-33	Hastings	OMA	170	1	2wd/2we	10	10	2		16	
84-11-33	Kearney	OMA or	190	1	2wd/2we	30	23	3		24	
		DEN	318	1	2wd/2we	30	23	2		16	
84-11-33	McCook	DEN	254	1	2wd/2we	12	12	2		16	
84-5-103	Norfolk	OMA	93	1	2wd/2we	18	14	2		38	
87-3-40	North Platte	DEN &	240	2	2wd/2we	68	52	3		57	
		OMA	251	2	2wd/2we	68	52	2		30	
84-11-94	Scottsbluff	DEN &	160	1	2d	80	62	4		76	
		OMA or	401	2	2wd/2we	80	62				
		LNK	363	2	2wd/2we	80	62	2		30	
85-9-51	Sidney	DEN	160	0	2wd/2we	6	6	2		16	
Nevada											
84—2-113	Elko	RNO &	230	1	2wd/2we	66	51	5		106	
		SLC	200	1	2wd/2we	66	51	3		68	
84—2-113	Ely	RNO or	264	1	2wd/2we	18	14	2		38	
		SLC	184	1	2wd/2we	18	14	1		19	
New Hampshire											
84-10-8	Keene	BOS &	86	0	2wd/4we	50	38	3		57	
		NYC	275	2	2wd/4we	50	38	3		53	
87-5-83	Laconia	BOS or	86	1	2wd/2we	28/12	21/9	3		24	
		NYC	230	1	2wd/2we	28/12	21/9				
84-10-8	Lebanon/ White River Jct., VT	BOS &	130	0	2wd/4we	80	62	15		285	
		NYC	240	1	2wd/4we	80	62	3		57	
84-10-8	Manchester/Concord	BOS &	60	0	2wd/4we	80	62	12		228	
		NYC	220	1	2wd/4we	80	62	15		399	
New Jersey											
84-5-83	Atlantic City	PHL	60	0	2d	80	62	7		133	
84-5-83	Cape May	PHL	73	1	2d 2wd/2we	38/20	29/15				
84-5-83	Teterboro	No service required									
86-7-69	Trenton	Any	DCA	0	2d	80	62	3		90	
New Mexico											
85-5-35	Alamogordo/	ABQ or	160	1	2wd/2we	22	17	2		30	

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New Mexico (continued)											
	Holloman AFB	ELP	76	0	2wd:2we	22	17	2		16	
84-10-10	Carlsbad	ABQ	230	1	2wd:2we	54	42	3		45	
84-10-10	Clovis	ABQ	194	1	2wd:2we	32	25	2		30	
84-10-10	Farmington	ABQ & DEN	148	0	2d	80	62	12		180	
			277	2	2d	80	62	3		150	
84-10-10	Gallup	ABQ	127	0	2wd:2we	34	26	2		30	
87-5-77	Hobbs	ABQ	238	1	2wd:2we	24	19	3		45	
85-12-83	Roswell	ABQ	163	0	2d	80	62	8		120	
88-9-15	Santa Fe	ABQ	49	0	2wd:2we	22	17	7		56	
84-7-32	Silver City/Hurley/ Deming	ABQ	185	1	2wd:2we	16	12	2		30	
New York											
84-3-68	Binghamton/Endicott/ Johnson City	NYC & PIT	145	0	2d	80	62	6	3	159	286
			247	1	2d	80	62				
84-3-68	Elmira/Corning	NYC & PIT	182	1	2d	80	62	4	3	76	286
			208	1	2d	80	62				
84-3-68	Glens Falls	No service required									
84-3-68	Islip	Any	BOS	0	2d	80	62	17		391	
84-3-68	Ithaca/Cortland	NYC & PIT	178	1	2d	80	62	3	2	101	208
			236	1	2d	80	62	6		144	
86-5-46	Jamestown	PIT	127	0	2d	80	62				
84-3-68	Liberty/Monticello	No service required									
80-3-19	Massena	SYR	141	2	2wd:2we	28	22	3		57	
80-3-19	Ogdensburg	SYR	113	1	2wd:2we	26	20	3		57	
81-12-97	Plattsburgh	ALB	135	1	2wd:2we	58	47	3		57	
84-3-68	Poughkeepsie	NYC	59	0	2d	80	62	6		186	
80-3-19	Rockville Center	No service required									
80-3-19	Saranac Lake/ Lake Placid	ALB	115	0	2wd:2we	40	31	3		72	
84-3-68	Utica/Rome	NYC	183	1	2d	80	62	2		30	
80-3-19	Watertown	SYR	61	0	2wd:2we	32	25	4		76	
84-3-68	White Plains	Any	BOS	0	2d	80	62	16		619	
North Carolina											
83-11-20	Asheville	ATL & CLT	164	0	2d	80	62	11		264	
			92	0	2d	80	62	7	5	218	644
83-11-20	Fayetteville	ATL or CLT	330	2	2d	80	62	6	10	180	1,378
			141	0	2d	80	62				
		RDU	65	0	2d	80	62	3		57	
		ORF		1	2d	80	62				
		RIC or WAS		1	2d	80	62	3		57	
			285	2	2d	80	62				
83-11-20	Hickory	CLT	68	0	2wd:2we	80	62	8		237	
83-11-20	Jacksonville/ Camp Lejune	ATL or CLT	407	2	2d	80	62				
			165	0	2d	80	62	2	3	108	351
		RDU	115	0	2d	80	62	4		76	
		ORF	160	1	2d	80	62				
		RIC or WAS	195	1	2d	80	62	1		19	
			281	2	2d	80	62				
83-11-20	Kinston/Goldsboro/ Greenville	ATL or CLT	406	2	2d	80	62	4	2	127	187
			185	1	2d	80	62				
		RDU	75	0	2d	80	62				
		ORF	135	0	2d	80	62				
		RIC or WAS	160	0	2d	80	62				
			247	1	2d	80	62				
83-11-20	New Bern/Beaufort/ Morehead City	RDU or CLT	115	0	2wd:2we	78	60	3		57	
			248	1	2wd:2we	78	60	4		152	
85-8-32	Rocky Mount/Wilson	RDU or CLT	50	0	2wd:2we	N/S	N/S	7		150	
			177	1	2wd:2we	N/S	N/S				
83-11-20	Wilmington	ATL or CLT	185	2	2d	80	62	3	6	91	748
			377	1	2d	80	62	3		57	
		RDU	123	0	2d	80	62				
		ORF	205	1	2d	80	62				
		RIC or WAS	235	1	2d	80	62				
			321	2	2d	80	62				
85-12-59	Winston-Salem	CLT	294	0	2wd:2we	36	28	7		201	
North Dakota											
83-11-21	Devils Lake	BIS or MSP	126	0	2wd:2we	22	17				
			322	2	2wd:2we	22	17	2		38	
83-11-21	Jamestown	MSP	301	2	2wd:2we	30	23	2		38	
84-1-96	Williston	BIL & BIS	284	2	2wd:2we	70	54	2		38	
			166	2	2wd:2we	70	54	2		38	
Ohio											
83-11-19	Akron/Canton	CHI & PIT	344	2	2d	80	62	3	2	270	295
			70	0	2d	80	62	9		276	
88-1-?	Mansfield	CLE	54	0	2wd:2we	36	28	6		90	
83-11-19	Youngstown	CHI & PIT	370	2	2d	80	62	2		100	
			57	0	2d	80	62	7		210	

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Ohio (continued)											
81-12-70	Zanesville/Cambridge	No service required.									
Oklahoma											
84-4-47	Enid	OKC or	69	1	2wd/2we	10	8				
		ICT or	90	1	2wd/2we	10	8				
		TUL	107	1	2wd/2we	10	8	2		16	
84-4-47	Lawton/Ft. Sill	DFW	140	0	2d	80	62	17		434	
84-4-47	McAlester	TUL or	91	1	2wd/2we	6	5				
		OKC	109	1	2wd/2we	6	5				
84-4-47	Ponca City	OKC or	96	1	2wd/2we	4	3				
		ICT or	66	1	2wd/2we	4	3				
		TUL	77	1	2wd/2we	4	3	2		16	
84-12-103	Stillwater	No service required.									
Oregon											
80-9-15	Albany/Corvallis	No service required.									
82-6-99	Astoria/Seaside	No service required.									
84-4-67	Bend/Redmond	PDX &	116	0	2wd/3we	80	62	13		247	
		EUG	90	0	2wd/3we	80	62				
		MED or	156	0	2wd/3we	80	62	2		180	
		SFO	464	2	2wd/3we	80	62	2		180	
84-4-67	Klamath Falls	PDX &	240	1	2wd/3we	80	62	4		114	
		SFO	207	2	2wd/3we	80	62				
84-4-67	Medford	PDX &	222	1	2d	80	62	14		399	
		SFO	320	2	2d	80	62		5		531
84-12-137	North Bend/Coos Bay	PDX	170	1	2wd/2we	64	49	4		76	
85-8-45	Pendleton	PDX	182	1	2wd/2we	62	48	6		114	
84-7-38	Salem	PDX	51	0	2wd/2we	10	8	2		38	
		EUG or	74	0	2wd/2we	10	8				
		SFO	495	2	2wd/2we	10	8				
Pennsylvania											
83-3-15	Altoona	PIT	83	0	2d	80	62	7		133	
83-3-15	Bradford	PIT	127	0	2d	80	62	5		75	
83-3-15	Clearfield/Bellefonte/ State College	PIT	120	1	2d	80	62	9		295	
83-3-15	DuBois	PIT	79	0	2d	80	62	5		117	
83-3-15	Erie	PIT	113	0	2d	80	62		6		637
81-8-34	Hazleton	NYC or	105	1	2wd	N/S	N/S				
		PHL	79	1	2wd	N/S	N/S				
83-3-15	Johnstown	PIT	55	0	2d	80	62	6		114	
83-3-15	Lancaster	PHL	58	0	2d	80	62	8		240	
83-3-15	Oil City/Franklin	PIT	70	0	2wd/2we	68	52	4		76	
83-3-15	Reading	PHL	47	0	2d	80	62	8		260	
83-3-15	Williamsport	PIT &	163	1	2d	80	62	6		148	
		PHL	135	0	2d	80	62	4		110	
South Carolina											
83-5-146	Florence	ATL &	273	2	2d	80	62	4		76	
		CLT	100	0	2d	80	62	6		228	
83-5-146	Greenville/ Spartanburg	ATL &	150	1	2d	80	62	5	13	196	1,528
		CLT	80	0	2d	80	62	6	5	216	665
83-5-146	Myrtle Beach	ATL &	323	2	2d	80	62	7		166	
		CLT	158	1	2d	80	62		6		734
South Dakota											
84-3-85	Aberdeen	MSP	261	1	2d	80	62	4		169	
84-3-85	Brookings	FSD or	50	0	2wd/2we	10	8				
		MSP	182	1	2wd/2we	10	8	2		38	
84-3-85	Huron	FSD or	93	1	2wd/2we	21	16				
		MSP	249	2	2wd/2we	21	16	2		38	
84-3-85	Mitchell	FSD or	66	0	2wd/2we	14	11				
		MSP	251	2	2wd/2we	14	11	2		38	
88-1-42	Pierre	DEN &	397	2	2d	78	60	2		96	
		FSD	185	1	2d	78	60	1		50	
		MSP	350	2	2d	78	60	2		100	
		RAP	354	0	2d	78	60	2		96	
84-3-85	Watertown	MSP	197	1	2wd/2we	62	48	5		95	
84-5-103	Yankton	OMA or	135	2	2wd/2we	14	11	2		60	
		FSD	56	0	2wd/2we	14	11				
Tennessee											
87-9-1	Clarksville/ Ft. Campbell, KY	BNA or	55	0	2wd/2we	12	10				
		STL	218	1	2wd/2we	12	10	2		16	
83-7-23	Jackson	MEM	71	0	2wd/2we	72	55	4		76	
Texas											
84-5-77	Abilene	DFW	182	0	2d	80	62	17		391	

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Texas (continued)											
84-5-77	Beaumont/Port Arthur	IAH	78	0	2d	80	62	7		271	
84-5-77	Brownsville	IAH	298	2	2d	80	62				
84-5-77	Brownwood	DFW	136	0	2wd/2we	6	6	2		16	
84-5-77	College Station/Bryan	DFW & IAH	160	1	2d	80	62	13		271	
84-5-77	Harlingen/San Benito	IAH	88	0	2d	80	62	6	13	180	1,597
84-5-77	Laredo	SAT	295	2	2d	80	62	3		132	
84-5-77	Longview/Kilgore/ Gladewater	DFW	148	0	2d	80	62	6		114	
84-5-77	Mission/McAllen/ Edinburg	IAH	115	1	2d	80	62		5		673
84-5-77	Paris	DFW	300	2	2d	80	62				
84-5-77	San Angelo	DFW	105	0	2wd/2we	16	12	2		16	
88-1-44	Temple	DFW	250	1	2d	80	62	12		263	
84-5-77	Tyler	DFW	122	0	5wd/5we[1]	N/S	N/S	5		40	
84-5-77	Victoria	IAH	78	0	2d	80	62	14		386	
84-5-77	Waco	DFW	123	0	2wd/2we	80	62	5		150	
84-5-77	Wichita Falls	DFW	89	0	2d	80	62	12		228	
			113	0	2d	80	62	17		339	
Utah											
83-5-147	Cedar City	SLC & LAS	221	1	2wd/2we	36	28	5		95	
			160	1	2wd/2we	36	28	3		57	
87-2-7	Moab	SLC	235	1	2wd/2we	8	8	2		16	
88-7-32	Vernal	SLC	131	0	2wd/2we	22	17	2		38	
Vermont											
84-10-71	Montpelier/Barre	BOS	149	1	2wd/2we	18	14	2		38	
84-2-89	Rutland	BOS or NYC	127	1	2wd/2we	46	35	4		76	
			200	1	2wd/2we	46	35	3		57	
Virginia											
84-10-138	Charlottesville	WAS & CLT	86	0	2d	80	62	5		180	
			244	1	2d	80	62		2		140
85-12-55	Danville	Any	CLT	0	2wd	N/S	N/S	5		95	
84-10-138	Hot Springs[11]	WAS	158	1	2d[11]	22	17				
84-10-138	Lynchburg	WAS & CLT	175	152	1	2d	80	62	3		57
				0	2d	80	62	2	2	76	234
84-10-138	Newport News/Hampton/ Williamsburg	WAS	127	0	2d	80	62	9	1	220	78
84-10-138	Roanoke	WAS & ATL or CLT	187	1	2d	80	62	8		221	
			357	2	2d	80	62	5		150	
			155	0	2d	80	62		7		757
84-10-138	Staunton	WAS	103	0	2d	70	54	4		76	
Washington											
84-5-48	Ephrata/Moses Lake	SEA	142	1	2wd/2we	10	10	3		57	
84-5-48	Pasco/Kenwick/ Richland	SEA & PDX	175	1	2d	80	62	16		456	
			174	0	2d	80	62	9	2	171	266
84-5-48	Pullman/Moscow, ID	SEA & GEG or BOI	250	2	2d	80	62	6		114	
			64	0	2wd/2we	80	62	2		38	
			224	1	2wd/2we	80	62	4		76	
84-5-48	Walla Walla	SEA	215	1	2d	80	62	6		190	
84-5-48	Wenatchee	SEA	98	0	2wd/2we	72	55	12		228	
84-5-48	Yakima	SEA & PDX	105	0	2d	80	62	15	2	285	292
			200	0	2d	80	62	2		38	
West Virginia											
87-4-24	Beckley	CLT		1	2wd/2we	50	39	4		76	
84-11-62	Clarksburg/Fairmont	PIT & WAS	83	0	2d	80	62	5		95	
			162	1	2d	80	62	3		57	
87-1-38	Elkins	PIT or WAS	113	1	2wd/2we	8	6				
			141	1	2wd/2we	8	8	2		38	
85-8-77	Greenbrier/ White Sulpher Sps	WAS & CLT	195	1	2d 2wd/2we	80/54	62/42	1		38	
			185	1	2d 2wd/2we[14]	80/54[14]	62/42[14]	1		38	
84-11-62	Morgantown	PIT & WAS	61	0	2d	80	62	7		144	
			160	0	2d	80	62	2		38	
84-11-62	Parkersburg	PIT	102	0	2d	80	62	8		240	
87-4-24	Princeton/Bluefield	CLT		0	2wd/2we	52	40	4		76	
Wisconsin											
84-7-77	Appleton	CHI & MSP	160	1	2wd/2we	80	62	6		460	
			232	1	2wd/2we	80	62	1	1	35	90
86-9-34	Beloit/Janesville	CHI or MKE	83	0	2wd/2we	12	9				
			62	0	2wd/2we	12	9	2		16	
85-10-68	Eau Claire	MSP	85	0	2d	80	62	2	2	38	180
84-7-77	Green Bay/Clintonville	CHI & MSP	181	1	2d	80	62	18		933	
			248	1	2d	80	62		3		357
84-7-77	LaCrosse	CHI & MSP	225	1	2d	80	62	6		258	
			117	0	2d	80	62		3		329

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Wisconsin (continued)											
85-9-70	Manitowoc	CHI	156	1	2wd/2we	6	5	2		30	
84-7-77	Oshkosh	CHI	151	1	2wd/4we	80	62	8		245	
84-7-77	Rhinelander/ Land O'Lakes	CHI	273	2	2wd/4we	80	62	3		150	
84-7-77	Wausau/Stevens Point	CHI & MSP	219 174	1 1	2wd/4we 2wd/4we	80 80	62 52	4 5		168 250	
84-7-77	Wisconsin Rapids	CHI		1	2wd	14	11				
Wyoming											
83-10-39	Cheyenne	DEN	96	0	2d	80	62	7		208	
84-4-110	Jackson[1]	DEN & SLC[2]	395 200	2 1	2d 2d	80 80	62 62	3 2	3	140 38	412
83-10-39	Laramie[3]	DEN	120	1	2d	80	62	3		45	
83-10-39	Lovell/Powell/Cody	DEN	395	2	2wd/2we	76	58	5		170	
83-10-39	Riverton/Lander	DEN	293	2	2d	80	62	3		115	
88-11-51	Rock Springs	DEN	262	2	2wd/2we	80	62	3		86	
83-10-39	Sheridan	DEN	362	2	2wd/2we	80	62	2		88	
85-7-53	Worland	DEN	337	2	2wd/2we	22	17	2		38	
Puerto Rico											
84-2-76	Mayaguez	SJU	108	0	2d	80[18]	62[18]	19		441	
85-3-76	Ponce	SJU	47	0	2d	50[18]	39[18]	2		54	

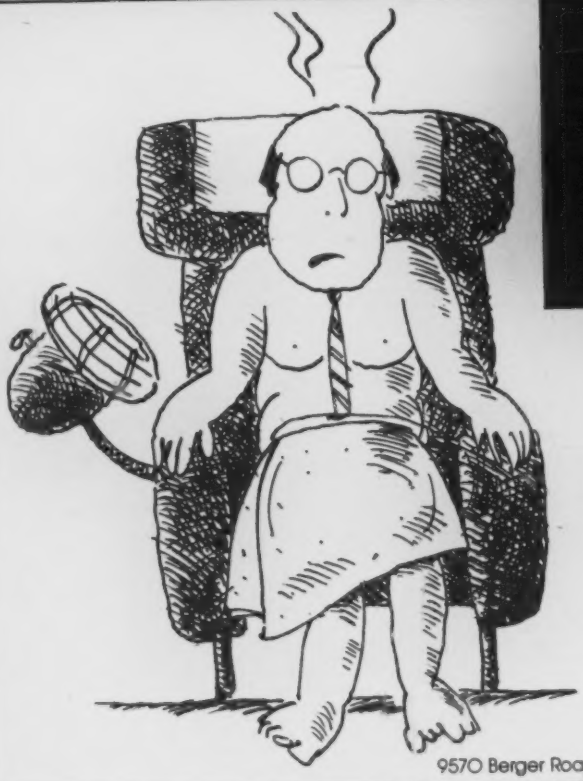
Notes:

N/S - Not specified.

The number of seats constituting available service have been calculated on a standardized basis for each aircraft type; individual carrier configurations may vary. Actual available service represents schedules to the hub.

1/ One round-trip to both MEM and DFW may be provided instead of two round-trips to either.
2/ Up to 25% of capacity may be provided through SMF.
3/ Up to 25% may be provided through PDX.
4/ Includes SFO, SJC and/or OAK.
5/ Waived the requirement to serve LAX but does not eliminate it as an E.A.S. hub.
6/ The higher frequency and capacity requirements are for the first quarter of the year.
7/ Determination has been appealed. The appeal has been deferred.
8/ Served through Eglin A.F.B.
9/ The lower numbers apply from November 1 through February 28.
10/ The lower numbers apply on weekdays.
11/ Service may be provided any four days per week except during the peak winter season (the third Friday in December through the following March) when at least two round-trips must be provided on Fridays, Saturdays, Sundays and Mondays.
12/ X/Y: X equals the number of seats per week during the summer and winter peak seasons and Y equals the number of seats per week during the off-peak season.
13/ The higher service (frequency for BHB and RKD) is required from July through September.
14/ From Labor Day to Memorial Day only two round-trips on weekdays and over the weekend period are required to NYC.
15/ Off peak: from Labor Day to Memorial Day service to only one hub, either BOS or NYC, is required.
16/ Approved DET and MSP as alternative hubs.
17/ Higher service requirements and seat capacities are required from April through September.
18/ E.A.S. terminated by Order 86-5-28. Proposals for new service solicited by Order 87-6-64.
19/ Service to STL and MEM approved as an alternative service pattern (Order 87-7-47).
20/ Two-stops allowed if service is provided with fast aircraft (cruising speed in excess of 250 mph).
21/ BIL is approved as an alternate hub.
22/ Seasonal service from June 1 through September 30 only. The higher capacity requirements are for the months of July and August and the lower capacity requirements are for June and September.
23/ Some of the current service is provided with more than one-stop under an alternate service pattern (Order 86-7-45).
24/ Alternatively, one round-trip may be provided to both RNO and SLC.
25/ X/Y capacity requirements are for third quarter/remainder of year.
26/ Seasonal service. The higher frequency and capacity requirements are for the period June 1 through September 1.
27/ Up to one-third of POU's capacity may be provided to ALB (nonstop) and/or BOS (one-stop).
28/ Order 87-6-51 approved service to DFW as an alternate service pattern.
29/ Order 88-11-3 approved service to SJC as an alternate service pattern (instead of SFO).
30/ Order 81-9-93 redefines essential service at State College and Phillipsburg as service that can be provided at a single airport serving the needs of both areas.
31/ For service provided with 8-seat aircraft. The required number of round-trips would be lower for larger aircraft based on the Essential Air Service program guidelines.
32/ Seasonal service from April 1 through November 30. Flights which serve ROA are an acceptable service pattern when weather conditions prohibit operations at Hot Springs.
33/ During the month of November, the carrier may be exempted from two-round trips daily requirement provided traffic can be accomodated on a single flight.
34/ The lower frequency and capacity requirements are for the winter season.
35/ Service is to be provided with fast aircraft.
36/ If service to SLC is provided with aircraft having 50 or more seats, one daily round-trip will be required in that market from Labor Day until June 15 and one round-trip on weekdays and two round-trips on each weekend day will be required from June 15 through Labor Day.
37/ Order 88-12-14 exempts Aspen Airways and Mesa Airlines from 90-day notice hold-in provisions.
38/ Daily requirements.

Source: Regional Airline Association and AvStat Associates, Inc.



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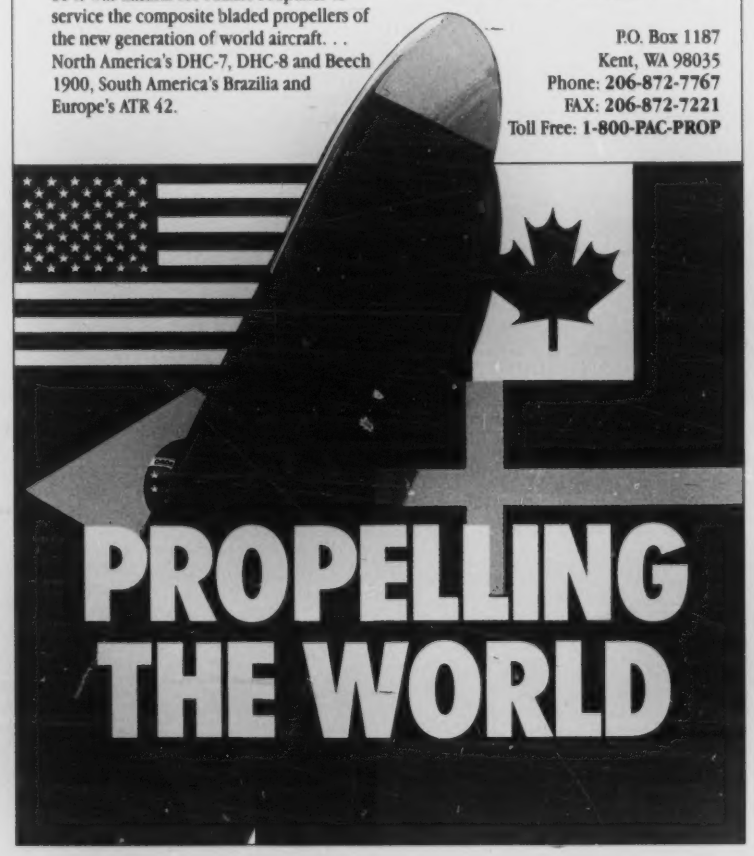

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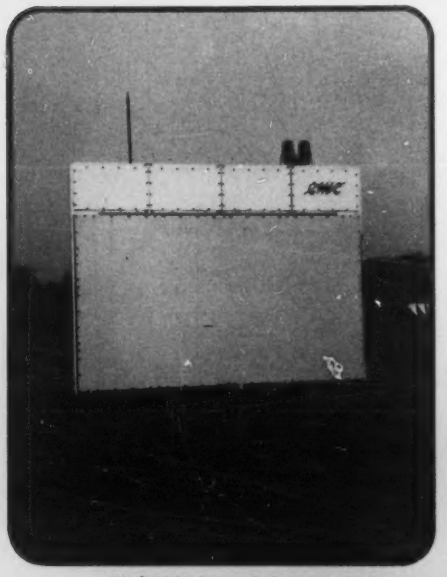
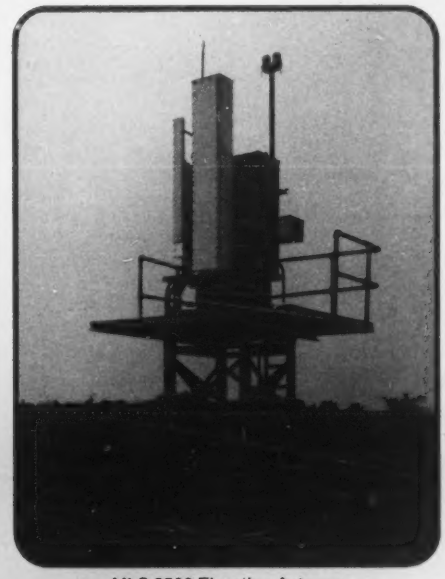


MLS 2500 Azimuth Antenna



MLS 2500 Elevation Antenna

CMA-2000 "Microlander" MLS Receiver Control Display Unit

Whether your requirement is for Microwave Landing System ground station equipment or airborne receiver systems, Canadian Marconi Company has the products and experience to ensure that your needs are met.

The MLS 2500 ground station, currently in full production in Canada, meets or exceeds all applicable ICAO Annex 10 standards and recommendations. It features built-in fault isolation systems and is available with the Remote Maintenance Monitoring System, resulting in an MTTR of only fifteen minutes. These systems have been installed across Canada and the United States.

Canadian Marconi's expertise in MLS also includes over seven years experience in the development of airborne MLS receivers. The CMA-2000 "Microlander" has been chosen for several U.S. military programs, including the new Air Force One aircraft and the USAF CMLSA program, and has been ordered by other customers such as Transport Canada and Alisada Airlines.

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Regulations

Excerpts from the *Dot Guide to CAB Sunset*, January 1, 1985, updated for subsequent changes.

Licensing

Licensing functions are the responsibility of the Office of the Assistant Secretary for Policy and International Affairs. Ordinarily, the Assistant Secretary or his or her delegate will perform these functions for the Department, but the Secretary may exercise this authority in lieu of the Assistant Secretary. Staff actions are subject to review by the Assistant Secretary and ordinarily are effective ten days after the action is served.

For the licensing applications described below, the requirements for filing of documents, including number of copies to be filed, are specified in DOT procedural regulations, 14 CFR 302.3. Filing fees for these applications are specified in 14 CFR 389.

1. *Section 401 Certificates*

Each applicant for a section 401 certificate for scheduled or charter air transportation should file an application with the DOT Documentary Services Division (DSD) in the Office of the General Counsel. Separate applications for interstate/overseas and foreign authorities must be filed, with the required filing fees. There are basically three types of 401 certificate cases: (a) those requiring primarily a determination of fitness; (b) those requiring primarily a determination of public convenience and necessity (which includes international carrier selection cases); and (c) continuing fitness reviews under section 401(r).

(a) *Fitness Determinations:* To receive a section 401 certificate, a carrier must be found fit for the type of service it will provide. Applicants that have not been found fit previously or that are proposing substantial changes in operations (such as going from cargo to passenger service or charter to scheduled operations, or proposing the start up of service after a cessation of service) are required to establish their fitness to operate. Authority not used for one year is automatically revoked. After receiving a fitness application, the DSD will assign it a docket number, date it, and forward it to the Air Carrier Fitness Division of the Office of Aviation Analysis (room 6401, telephone 366-9721) for review and action. Within 21 days, this Division will determine whether the application is complete. If it is

FAA Safety Requirements For Scheduled Regional Airlines

			Overall Operating Requirements			
			FAA Air Carrier Operating Certificate required	FAA approved operations & maintenance programs	Approved crew training & proficiency programs	Subject to FAA airline audit & surveillance procedures
Aircraft Type						
Piston		Single Engine	●	●(1)	●(2)	●
		Multi Engine under 9	●	●(1)	●	●
		10–19	●	●	●	●
		20–30	●	●	●	●
		over 30	●	●	●	●
Turboprop		Multi Engine under 9	●	●	●	●
		10–19	●	●	●	●
		20–30	●	●	●	●
		over 30	●	●	●	●
Jet		Multi Engine	●	●	●	●

Notes: (1) Required only for approved Aircraft Inspection Program.
(2) Not applicable to certificate holder using only one (1) pilot.
(3) Two pilots are not required for VFR or if autopilot is approved in lieu of second in command.

not complete, the application will be rejected or the applicant will be notified and asked to provide further information to the DSD. After the application is complete, DOT will do one of the following:

(i) Issue a show cause order, through the DSD, tentatively finding the carrier fit and proposing to issue the requested certificate. The order will allow for objections to be filed. A final decision on the fitness application will be made within 180 days after the application is complete.

(ii) Institute formal proceedings before an administrative law judge in order to determine fitness. This course will be followed in cases where there is controversy concerning the applicant and where the case involves novel issues or where the facts are in dispute. In this event, a decision will be made according to the process applicable to formal proceedings (described in the section entitled "Formal Proceedings Requiring Oral Evidentiary Hearings").

(b) *Public Convenience and Necessity (PC&N) Determinations:* For carriers desiring to provide foreign air service, a determination of public convenience and necessity is required, in addition to the fitness finding described above. Applicants previously found fit and which hold certificates for operations comparable to those sought may file, with the DSD, applications for additional authority, amendments, alterations, modifications, and renewals of their 401 certificates. DSD will give each application a docket number, date it, and forward it to the Public Proceedings Division of the Office of Aviation Analysis (room 6415, telephone 366-2344) for review and action. Within 21 days, this Division will determine if the application is complete. If the application is not complete, the applicant will be notified and asked to provide the required information to the DSD. Within 90 days after the application is complete, a decision will be made to process the application in one of the following ways: (i) dismiss the application; (ii) handle it under simplified procedures without an oral evidentiary hearing; or (iii) institute a formal hearing case where, for example, a choice must be made between competing applications for limited-designation international route authority (refer to the section of "Formal Proceedings Requiring Oral Evidentiary Hearings" for further information).

Requirements keyed to size									
Meets part 135 operating rules	Meets Part 121 operating rules	Commercial/instrumented rated crew	Air Transport rated crew	2 pilots required	Airline-type "Continuous Airworthiness Maintenance Program"	All-weather equipped aircraft	Flight attendant required	Thunderstorm detection equipment or radar	Typical Aircraft
●		●				●			Cessna 206, Piper Cherokee 6
●		●	●	●(3)		●			B-N Islander, Cessna 402/404, Piper Navajo
●		●	●	●	●	●		●	deHavilland Heron, Beech 18
●		●	●	●	●	●	●	●	DC-3
	●	●	●	●	●	●	●	●	Martin 404, Convair 440
●		●	●			●			Beech KingAir
●		●	●	●	●	●		●	DHC-6, Beech 99, Fairchild Metro II
●		●	●	●	●	●	●	●	Nord 262, Shorts SD3 30, Embraer Brasilia
	●	●	●	●	●	●	●	●	Convair 580, Fokker F-27, DHC-7, Shorts 360
	●	●	●	●	●	●	●	●	Fokker F-28, BAe 146

(c) *Continuing Fitness Reviews under Section 401(r):* U.S. certificated and commuter air carriers which do not institute service within one year of being found fit, or which cease operations for at least one year, will have their authority revoked and must undergo a new fitness determination before commencing operations. Carriers which cease service and wish to resume service before the expiration of one year must file new fitness data at least 45 days before recommencing service. Such carriers should contact the Chief, Special Authorities Division, Office of Aviation Analysis, to determine the data needed.

2. *U.S. Air Carrier All-Cargo Certificates under Section 418*

An applicant for a domestic all-cargo certificate under section 418 of the Federal Aviation Act should file an application with the Documentary Services Division (DSD) in the Office of General Counsel. The application will be given a docket number, dated, and forwarded to the Special Authorities Division of the Office of Aviation Analysis (room 6401, telephone 366-9721) for review and action. Within 14 working days, this Division will determine if the application is complete. If not complete, the applicant will be notified and asked to provide further information to the DSD. Once complete, a notice of the application will be published in the *Federal Register* and 21 days will be allowed for objections to a favorable fitness finding and issuance of the certificate.

3. *Commuter Air Carrier Fitness Determinations under Section 419*

Under section 419 of the Federal Aviation Act, commuter air carriers must be found fit to provide scheduled passenger service. Those wishing to establish a commuter air carrier service should file an application with the Special Authorities Division of the Office of Aviation Analysis (room 6401, telephone 366-9721). This office reviews the application to determine whether it is complete, and, where necessary, contact the applicant for additional information. When all required information is received, DOT will issue a show cause order, through the DSD, stating tentative findings and allowing 15 days for objections to be filed.

Prior to commencing operations, commuter air carriers must also have on file a registration form and an insurance certificate. See the later section on "Registrations and Insurance Monitoring" for more information on this requirement.

Commuter air carriers are also subject to the continuing fitness requirement of section 401(r) of the Federal Aviation Act. See the preceding section on "Continuing Fitness Reviews under Section 401(r)" for further information which applies to commuters.

4. *Registrations and Insurance Monitoring*

Prior to commencing operations, commuter air carriers must have on file a registration form (DOT Form OST 4507, formerly CAB Form 298A) and an insurance certificate (for commuters, DOT Form OST F4520, formerly CAB Form 205A) covering their proposed operations. These forms, as well as subsequent amendments and insurance filings, are to be filed directly with the Air Carrier Fitness Division of the Office of Aviation Analysis (room 6401, telephone 366-9721). If the registration form is properly filled out and the insurance certificate provides coverage for the service proposed, the Air Carrier Fitness Division will return an approved copy of the registration to the applicant. In the case of new commuter applications, the registration to provide scheduled passenger service will be approved when the carrier's fitness has been determined. (See the earlier section on "Commuter Air Carrier Fitness Determinations".)

Data Collection

Data collection and dissemination are the responsibility of the Research and Special Programs Administration, acting in cooperation with the Office of the Assistant Secretary for Policy and International Affairs.

1. *Air Carrier Accounting and Guidance*

Carriers receiving section 401 certificates and operating aircraft designed to have a maximum passenger capacity of more than 60 seats or a maximum payload capacity of more than 18,000 pounds or operating to a point outside the 50 states of the United States, the District of Columbia, Puerto Rico, or the U.S. Virgin Islands are required to comply with the "Uniform System of Accounts and Reports for Large Certificated Air Carriers." The Research and Special Programs Administration's Office of Aviation Information Management (OAIM) is responsible for accounting and related systems design and modification, as well as interpretation of the regulations. Inquiries regarding waivers from accounting regulations, proposed rulemakings or suggestions on new or revised rules should be directed to the Director of OAIM (room 4125, telephone 366-9059).

OAIM provides technical accounting expertise and guidance to air carriers and other Government agencies, including the Securities and Exchange Commission. The Data Requirements and Public Reports Division of OAIM also assists small air carriers participating in the Essential Air Service program, such as air taxi operators, who may elect to implement the "Voluntary Accounting System for Small Air Carriers" and new or growing certified carriers who may need assistance to familiarize themselves with the required accounting systems and related rules in the "Uniform System of Accounts and Reports for Large Certificated Air Carriers."

OAIM continuously evaluates the airline industry accounting systems and related rules and coordinates with the Office of Inspector General (OIG) on the need for audit assistance. Questions on accounting or reporting issues concerning the DOT aviation information data banks may be addressed to the Data Requirements and Public Reports Division of OAIM.

2. *Financial and Statistical Reporting*

Air carrier reporting requirements established by the CAB continue in effect until changed by DOT. Authority to maintain these rules and manage the aviation information program is delegated to the Administrator of the Research and Special Programs Administration (RSPA). Program operation is accomplished by RSPA's Office of Aviation Information Management (OAIM).

On December 1, 1988, the Department of Transportation amended FAR Part 298 to require commuter air carriers providing scheduled passenger service to file Schedule F-1 "Report of Financial Data" of RSPA Form 298-C, listing quarterly financial information. Carriers are required to submit total operating revenues, total operating expenses, net profit or (loss) and passenger revenues-scheduled services within 40 days after the end of the reporting quarter.

Petititons for rulemaking on reporting matters should be filed with the DOT Documentary Services Division (DSD) in the Office of General Counsel. The petition will be given a docket number, dated, and referred to OAIM for processing. Rules proposed and issued by OAIM will be docketed in the DSD.

Recurrent financial and statistical reports required by these rules should be addressed to:

Data Administration Division
DAI-20, Room 4125
Office of Aviation Information Management
Research and Special Programs Administration
Department of Transportation
400 Seventh Street, S.W.
Washington, D.C. 20590
Telephone 202-366-4383

New reporting instructions, changes to existing instructions, interpretations of reporting instructions, or special reporting requirements for air carriers will be promulgated by OAIM. These instructions, as well as written requests for waivers, interpretations, extensions of filing dates, substitution of forms or formats, or confidential treatment of reports will be handled by the Director of OAIM.

Air carrier submissions will be reviewed for acceptability by the Data Administration Division of OAIM. This Division may contact air carriers concerning the form and/or substance of their reports.

Industry Agreements

Regional airlines have become full partners in the air transportation system. The use of common ticket stock; shared airport facilities; commingled reservation schedules; joint fares; and interline agreements for the handling of baggage, cargo, and other express freight allows regional airlines to provide an important part of a common system of air transportation. The agreements and services in which airlines participate are described here.

Three Digit Identification Code

Every airline which operates scheduled passenger and/or cargo services and interlines passengers and/or cargo with other airlines requires a three digit code. The code is printed as the first three digits of the airline's passenger traffic documents and cargo air waybill which then identifies that airline for interline accounting purposes.

Airlines with headquarters in the United States or its territories and possessions should request a form code from J. Zammar, Director, Revenue Accounting, Air Transport Association of America, 1709 New York Avenue, N.W., Washington, D.C. 20006. Phone 202-626-4000.

Airlines with headquarters outside the United States or its territories and possessions should request a form code from Dora Prokosh, Code Assignments Assistant, International Air Transport Association, 2000 Peel Street, Montreal, Quebec H3A 2R4. Telephone 514-844-6311 ext 503.

For form codes assigned by the International Air Transport Association, there is an application fee of $150.

Airline Designators

Each airline which operates scheduled passenger and/or cargo services and publishes its schedules in industry schedule guides and each airline which participates in the airline communications networks (ARINC or SITA) needs an airline designator.

Airline designators are assigned and administered by the International Air Transport Association on behalf of the airline industry. There is a $500 application fee for each airline designator assigned.

To obtain an airline designator, U.S. based airlines should send their schedules to Laurie Bruzek, Industry Schedules Analysis, Official Airline Guides, Inc., 2000 Clearwater Drive, Oak Brook, Illinois 60521, Telephone 312-574-6000, and also should submit a copy of the airline's Department of Transportation fitness form approved by DOT and a check for $500 made payable to the International Air Transport Association.

Publishing Schedules

The flight schedules of passenger carrying airlines are published in the *Official Airline Guide* (OAG), the *ABC World Airways Guide*, and the *American Express Sky Guide;* and schedules of cargo carrying airlines are published in the *OAG Air Cargo Guide*, the *ABC Air Cargo Guide*, and *Hereford's Cargo Guide*.

There is no charge for publication of direct flight schedules and fares of commuter air carriers. However, there are editorial and possible costs for printing commuter/certificated connecting flights.

Passenger Interline Traffic Agreement

Members of the Air Transport Association's Passenger Council have established the Interline Traffic Agreement—Passenger. All scheduled airlines may become parties to the Agreement. The Agreement becomes binding between parties upon execution of a concurrence.

The Agreement gives each airline party the right to sell transportation at the appropriate fares over the lines of other parties with which it has a concurrence, and to issue interline tickets providing for such transportation.

Parties are required to honor for transportation interline tickets calling for such transportation and issued by another party with which it has concurred. Where interline tickets have been issued under the Agreement, the originating airline agrees to check the passenger's baggage to final destination or first stopover point, and the down-line airlines agree to accept and transport such baggage.

There is a one-time application fee of $175 and an annual participation fee of $75. Contact Ms. Pat Freedman, Assistant Director, Passenger Services, ATA Pas-

senger Council, 1709 New York Avenue, N.W., Washington, D.C. 20006, telephone 202-626-4220

Interline Air Cargo Agreements

Interlining of air freight within the industry is an effective means of expanding your air freight services and providing extensive air freight coverage to your customers. The Air Transport Association of America has two specific air cargo agreements that are available to members of the Regional Airline Association. These agreements are:

- AIR FREIGHT PROCEDURES AGREEMENT and
- SMALL PACKAGE SHIPMENT AGREEMENT

Each are multi-lateral agreements that prescribe uniform documents, labeling, and handling procedures for regular air freight and small package services. To participate in these agreements, there is a one-time application fee of $175 and an annual fee of $75.

Airlines interested in these interline cargo agreements should write to Mr. Richard S. Shreve, Assistant Director, Cargo Services, Air Transport Association of America, 1709 New York Avenue, N.W., Washington, D.C. 20006, telephone 202-626-4133.

IATA Interline Agreements—Passenger and Cargo

Airlines may participate in the International Air Transport Association's multilateral interline traffic agreements as non-member carriers. Airlines are required to pay an annual participation fee based on their total revenue sales from the previous year or on an estimated revenue figure for the first year in the case of a new company. Contact Kendall C. Sanford, Senior Manager, Passenger Services, IATA, 2000 Peel St., Montreal, PQ, Canada H3A 224, telephone 514-844-6311, ext. 503.

Universal Air Travel Plan

Begun in 1936, Universal Air Travel Plan travel card is one of the world's oldest credit cards.

During the early times, UATP covered U.S. domestic airlines only. On October 1, 1948, it became worldwide, when international routes were brought into the plan.

The UATP's Air Travel Card today is good for transportation on practically all the world's scheduled airlines flying domestic and global routes. Participating airlines now number more than 200.

Those desiring to subscribe to this airline credit service can contract through an individual airline by meeting the individual carrier's requirements. Thirty-two airlines, called "contracting airlines," are authorized to issue Air Travel Cards. The cards, however, are honored by the participating carriers. The contracting airline bills the subscriber on a monthly basis for all air transportation used, regardless of the number of airlines involved. Contact Charles Fisher, ATA, 1709 New York Ave., Washington, D.C., telephone 202-626-4224.

Standard Agent's Ticket and Area Settlement Plan

As the travel agency industry grew and as travel agents began to generate a larger proportion of airline tickets, a need arose for an efficient system of reporting and accounting for ticket sales. What emerged was the Standard Agent's Ticket and Area Settlement Plan. The plan's most important innovations were a standard ticket stock and a single source to which travel agents reported and accounted for airline ticket sales. Travel agents were issued supplies of standard ticket stock with no carrier identification. In issuing a ticket, the agent fills in the name of the airline on which the seat is being sold. Every week the travel agent forwards reports of tickets sold to a designated bank in their area.

The agent receives a computerized sales report from the area bank for each reporting period. The sales report provides important data on each ticket issued as well as statistical summaries for the entire reporting period.

Travel Agents Commission

The commission paid to travel agents was deregulated in June 1980. Airlines are free to set the commission they pay to travel agents. The Air Traffic Conference has set up a procedure for settling interline service charges at a periodically determined commission rate in the Interline Settlement of Agent Issued Documents Agreement. Airlines may contract with any organization to sell on-line tickets.

Airline Clearing House

The Airline Clearing House is a corporation, wholly owned by 18 ATA member airlines, through which the interline accounts of airlines, certificated and commuter, are settled on a net basis each month. Regional airlines, by participating as associate members, are able to realize all the billing and clearance benefits without the necessity of purchasing stock in the corporation.

Each member air carrier submits a recap sheet each month to the Airline Clearing House bank showing accounts due from every other member, covering both passenger and freight.

The bank nets these accounts and notifies each airline of their net debit or credit position in the Clearing House. Flight coupons and air bills are sent to the appropriate airline for a follow-up audit with an opportunity for subsequent Clearing House adjustments.

Each participating carrier is requested to maintain an account at the Airline Clearing House bank. The Airline Clearing House performs the clearing functions without charge. The cost of such items as printing, postage, bulletin correspondence and maintenance of the Manual of Procedures is nominal. Reimbursement for such costs are billed to all members and associated members on an annual basis. When making application as an associate member, commuters are required to have interline agreements with at least one member or associate member of the Clearing House. Contact: J. Zammar, Airline Clearinghouse, 1709 New York Ave., Washington, D.C. 20006, telephone 202-626-4142.

Airline Publishing Company

The Airline Tariff Publishing Company (ATPCO), wholly owned by thirty-five certificated air carriers, is employed by the airlines to publish and distribute fares and

cargo rates to the travel industry. Some of the ATPCO publications include a joint fares tariff, commuter local fares tariff, commuter airline cargo local rules and rates, small package rates, and the Air Cargo Memorandum Tariff. ATPCO distributes these tariffs to travel agents, airline rate desks, and other companies in the travel business. Contact: Dan Mingledorff, Airline Tariff Publishing Company, Dulles Airport, PO Box 17415, Washington, D.C. 20041, telephone: 703-471-7510.

Air Cargo, Inc.

Air Cargo, Inc., is a service organization owned by the scheduled airlines of the United States. Air Cargo, Inc.'s complete system or airline/airfreight services involves three distinct areas: local air freight pickup and delivery, and loading and unloading.

Airlines may contract for the services of Air Cargo, Inc. as an associate member. Each associate member pays an annual membership fee.

Aeronautical Radio, Inc.

Aeronautical Radio, Inc., more familiarly known as ARINC, is dedicated to serving the communications needs of the air transport community. The company's services, once used almost exclusively by major U.S. airlines, are employed by a variety of corporation, government agencies and domestic and foreign carriers, ranging in size from major trunks to commuter air carriers. ARINC's services continue to be provided on a not-for-profit basis as was the case when the company was incorporated in 1929.

ARINC is dedicated to providing communications needs of all aircraft operators within the United States. Advanced technology, high quality service, cost-based charges and longstanding relationships with the regulatory bodies and the aviation community are some of the benefits provided by ARINC. Contact: Director Marketing Services, ARINC, 2551 Riva Road, Annapolis, Maryland 21401, telephone 301-858-4000.

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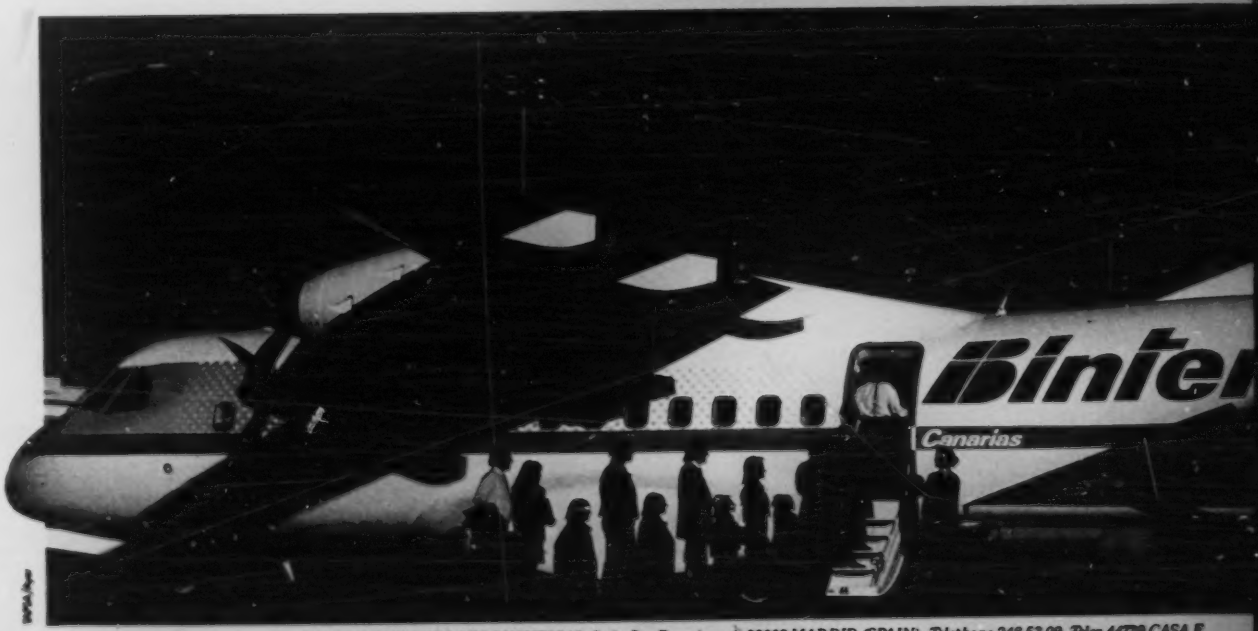
While all airline and associate members receive complimentary copies of the RAA Regional/Commuter Industry Annual Report, it is convenient to have extra copies. The form below may be used to order additional copies of the 1989 Annual Report.

In addition, the same form can be used to order copies of the RAA airline and associate member mailing lists.

Copies of the Annual Report are available to RAA members for $15 each, including postage. With orders of 5 copies or more, the price is $10 per issue. The price per report for non-members is $50. The member mailing lists can be purchased for $50 each.

TIMESAVER



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_____	Airline Member Mailing List	$50.00 each
_____	Associate Member Mailing List	$50.00 each

REGIONAL AIRLINE ASSOCIATION ORDER FORM

Please return this form, along with a check or money order to:

Regional Airline Association
1101 Connecticut Avenue, N.W.
Suite 700
Washington, D.C. 20036

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CN-235

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Few aircraft in its class do better than the CN-235.

Due to its layout, the CN-235 minimises turn-around-time. Thus its rear ramp door and its strategically positioned access doors eliminate interference between passengers and luggage entering or leaving the plane, as well as greatly facilitating other services such as refuelling and cleaning.

Fitted with the new General Electric CT7-9C engine for greater power, the new Series 100 attains higher speeds, performs better at extreme hot and high conditions and easily masters short landing and take-off strips.

Several commuter companies are using it. Iberia, the Spanish airline, has chosen it as the regional transport aircraft for its company Binter.

The CN-235 is the perfect investment to achieve increased returns without skimping on operation requirements.

Technical Characteristics:

Max. takeoff weight: 14,400 Kg. (31,746 lb).
Max. landing weight: 14,200 Kg. (31,305 lb).
Max. zero fuel weight: 13,600 Kg. (29,983 lb).
Max. capacity: 45 seats.
Power Plant: 2xGE CT7-9C.
Max. T.O. Power: 1,750 SHP (1,870 SHP APR ON).

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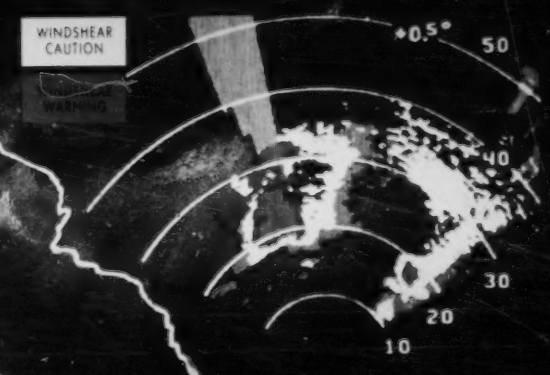

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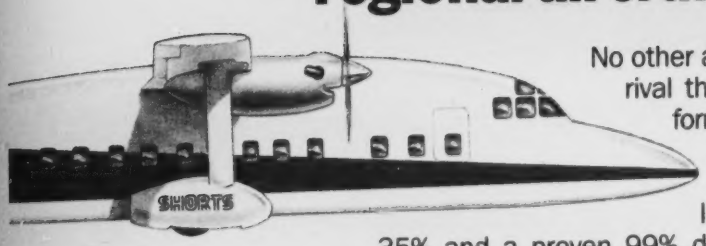

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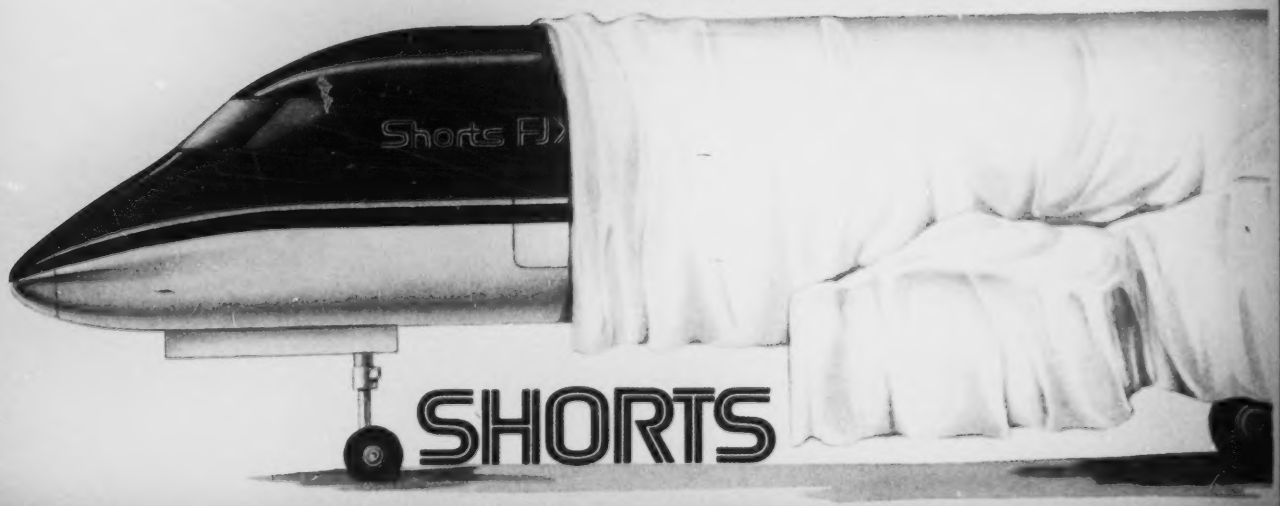
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